



HEREFORDSHIRE COUNTY COUNCIL

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# ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

OF THE

Administrative County of Hereford,

FOR THE YEAR 1930

BY

PETER LOWE, M.A. (Hons.), B.Sc., M.B., Ch.B., D.P.H.,

*County Medical Officer of Health.*

HEREFORD :

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1931.

# COUNTY OF HEREFORD.

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## PUBLIC ASSISTANCE AND PUBLIC HEALTH COMMITTEE OF THE COUNTY COUNCIL.

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The Chairman of C.C.	Mr. R. W. Hall.
The Vice-Chairman of C.C.	Capt. D. W. Hamlen-Williams
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Mr. B. Gwillim.	Mr. D. G. Watkins.
Mr. E. A. Hall.	Commander A. J. Windebank, R.N. (R.)

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The Chairman of C.C.	Mrs. D. E. Dymond.
The Vice-Chairman of C.C.	Capt. E. F. H. Evans.
Miss M. M. Armitage.	Mr. C. Freer.
Mrs. W. H. Barneby.	Col. H. F. Lea, C.M.G., D.S.O.
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Captain L. H. GREEN, M.B.E., *Chairman.*

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Mr. W. Davies.	Mr. J. Wathen.
Mr. T. Hopkins.	Mr. D. G. Watkins.
Rev. W. Marshall.	Commander A. J. Windebank, R.N. (R.)

## MENTAL DEFICIENCY SUB-COMMITTEE.

Mr. R. W. HALL, *Chairman.*

Miss M. M. Armitage.	Mr. T. Hopkins.
Mr. W. G. Bankes.	Mr. H. Langford.
Mr. W. E. Cole.	Mr. E. Molyneux.
Mr. W. Davies.	Mr. J. Parr.
Mr. T. Godsall.	Mr. J. Price.
Capt. L. H. Green, M.B.E.	Mr. C. H. Tinsley.
Mr. B. Gwillim.	Mr. D. G. Watkins.

*Non-County Council Lady Members :*

Mrs. Maclean.	Miss F. G. Sanders.
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TO THE CHAIRMAN AND MEMBERS OF THE PUBLIC ASSISTANCE AND  
PUBLIC HEALTH COMMITTEE OF THE HEREFORD COUNTY COUNCIL.

*Ladies and Gentlemen,*

I have much pleasure in submitting to you the Annual Report on the Health and Sanitary Administration of the County for 1930.

The Statistics for the year are based on the population for 1929.

POPULATION OF THE COUNTY AND GENERAL STATISTICS.

The population of the County at mid-year 1929 is estimated by the Registrar-General to be 110,670, of whom 40,120 belong to the Urban Districts and 70,550 to the Rural Districts.

					1930.		1929.
Birth Rate	...	...	...	...	15.7	...	16.1
Death Rate	...	...	...	...	13.5	...	14.1
Infantile Mortality Rate (per 1,000 Births)	...	...	...	...	48	...	69
Death Rate—Pulmonary Tuberculosis	...	...	...	...	0.696	...	0.633
Death Rate—All forms of Tuberculosis	...	...	...	...	0.877	...	0.768
Death Rate from Cancer	...	...	...	...	1.57	...	1.67

BIRTH RATE.

The Birth Rate for 1930 is 15.7 per 1,000 of the population and is 0.4 per 1,000 lower than in 1929. The figure for England and Wales is 16.3.

DEATH RATE.

The Death Rate for 1930 is 13.5 per 1,000, which is 0.6 per 1,000 lower than in 1929. The figure for England and Wales is 11.4 per 1,000.

<i>Deaths from—</i>		1930.		1929.
Influenza	...	24	...	68
Bronchitis	...	54	...	53
Pneumonia	...	72	...	94
Whooping Cough	...	6	...	15
Measles	...	13	...	3

INFANTILE MORTALITY.

The Infantile Mortality Rate for 1930 is 48 per 1,000 births. The rate for legitimate children is 47 per 1,000 and for illegitimate children 66 per 1,000 births. The figure for England Wales is 60 per 1,000 births.

TUBERCULOSIS.

The Death Rate from Tuberculosis for the year 1930 shows an increase compared with 1929. The Death Rate from Pulmonary Tuberculosis is 0.696 per 1,000 of the population, and that from other forms

of Tuberculosis is 0.181 per 1,000 of the population. The total Tuberculosis Death Rate is 0.877 per 1,000, as compared with 0.768 in 1929. The figure for England and Wales for the total Tuberculosis Death Rate was 0.959 in 1929.

#### ZYMOTIC DISEASES.

The incidence of Infectious Disease is slightly greater than in 1929, the number of notifications in 1930 being 739, against 725 in 1929. The Death Rates from Influenza and Pneumonia are lower than in 1929. The Death Rate from Infantile Diarrhoea is 5.2 per 1,000 births for 1930, as compared with 2.3 per 1,000 births in 1929. The figure for England and Wales is 6.0 per 1,000 births in 1930.

#### LEOMINSTER DIPHTHERIA EPIDEMIC.

An epidemic of Diphtheria occurred in the Leominster Urban Area, beginning about the end of September, 1930, and continuing until the end of the year. The first case was removed to Hospital on the 27th September, 1930, and the next on the 27th October, 1930. During this period there were eight cases treated at home, of whom two died. Two other deaths occurred during the epidemic, one of the deaths occurring in the Herefordshire General Hospital. At the end of October, cases were removed to Ebnal Isolation Hospital, but the accommodation there was inadequate, and arrangements were made whereby the use of the Dore Poor Law Institution was granted by the County Council to the Leominster Urban Authority to enable them to cope more effectively with the epidemic. Early in November, Dr. J. R. Muir was appointed Deputy Medical Officer of Health, and Dr. Lethem, Medical Officer, Ministry of Health, visited the Area during the epidemic. There must have been a fairly large number of carriers who, no doubt, spread the infection broadcast, and there was considerable delay in isolating the cases at the beginning of the epidemic. The Schools were closed until the Christmas holidays, and the epidemic was checked, only eight cases being notified in December. When the Schools re-opened in January, 1931, there was a slight recrudescence, which was quickly checked by prompt removal of cases to Hospital and closure of the Junior School. All the milk supplies in the Town were examined, and in two cases the milk contained Diphtheria Bacilli, and several milkers were found to be carriers. The necessary action was taken by the Medical Officer for Leominster regarding these two matters. It seems clear that the epidemic was not the result of infection from milk, as the number of customers who contracted the disease from the infected supplies was very small. The epidemic shows the great need for prompt isolation of cases of infectious disease which cannot be properly isolated at home. The existing accommodation for cases of infectious disease in the Fever Hospitals in the County could not have provided for all the cases which occurred in the epidemic. This shows that there is an urgent need for some increase in the number of beds provided for the treatment of cases of infectious disease.

#### VENEREAL DISEASES.

The work shows satisfactory progress, and the attendances show a slight increase on last year's figures. Specimens of blood for Wassermann Reaction are sent to Birmingham University and films for Gonococci are examined at the County Laboratory. Whenever a positive Wassermann reaction is found, a confidential letter, without any name being mentioned, is sent to the medical practitioner concerned offering

treatment for his patient at the Clinic. The Clinic has been held at the Isolation Block of the Hereford Union Workhouse since 31st March, 1924, and in-patient treatment is also provided for in the same Institution. Suggestions have been made for structural alterations of the clinic premises which would provide for better and more extensive treatment.

#### COUNTY LABORATORY.

4,542 Specimens were examined in 1930, as compared with 3,629 in 1929, and the work in the Laboratory is becoming rather difficult to deal with on account of the large number of specimens, which continues to increase yearly. The work is useful in controlling epidemics, and positive results of swabs are phoned to the doctors and also to the District Medical Officers of Health, so that immediate steps can be taken to control epidemics. A large amount of bacteriological work was caused by an epidemic of Diphtheria in Leominster Urban District, involving about 60 cases. This necessitated a large amount of swabbing, and in consequence the work of the Laboratory was very much increased, and to cope with this the Staff had to work early and late.

#### MENTAL DEFICIENCY.

Cases of Mental Deficiency are brought to the notice of the Medical Adviser by various voluntary and other agencies. Provision is made for adult cases at Ross Institution, which is certified by the Board of Control, and where suitable training is now available in mat-making under the supervision of a specially qualified attendant. High-grade cases are sent to various other Institutions, where adequate training facilities are available.

I have to thank the members of the Public Assistance and Public Health and other Committees for their continued co-operation and support. I also wish to express my indebtedness to the District Medical Officers, the County Veterinary Officer, and Staff for their valuable assistance and co-operation given ungrudgingly by them in what has been a year of strenuous work.

I have the honour to be,

Your obedient servant,

PETER LOWE.

Public Health Department,  
132, St. Owen Street,  
Hereford,

*June, 1931.*

# COUNTY STAFF.

COUNTY MEDICAL OFFICER OF HEALTH, CHIEF S.M.O.. Etc,  
PETER LOWE, M.A. (Hons.), B.Sc., M.B., Ch.B., D.P.H.

CLINICAL TUBERCULOSIS OFFICER and MEDICAL SUPERINTENDENT  
NIEUPORT SANATORIUM :  
BASIL ADAMS, M.D., D.P.H.

ASSISTANT COUNTY MEDICAL OFFICERS OF HEALTH and  
ASSISTANT SCHOOL MEDICAL OFFICERS :  
LIEUT.-COLONEL C. F. WANHILL, M.R.C.S., L.R.C.P., D.P.H.  
ARCHIBALD PENMAN, M.B., Ch.B., D.P.H.  
JOHN E. HAINE, M.B., Ch.B., D.P.H. (appointed 1st July, 1930).

INSPECTOR OF MIDWIVES and SUPERINTENDENT OF NURSES :  
Miss G. A. PAYNE.

## HEALTH VISITORS :

Miss J. ANDREWS.	Miss M. SARGENT.
Miss E. J. GLEADELL.	Mrs. C. E. TURNER.
Miss C. E. NICHOLL (resigned 30th April, 1930).	

## CLERICAL STAFF :

Chief Clerk—L. A. NICHOLLS, C.R. San I.

J. L. TRINDER.	D. A. PICKARD
S. W. HICKS.	(11th August, 1930.)
W. J. MANNING.	J. ADAMS (Leominster Area).
Miss D. WEBBER.	H. T. BALDWIN (Ross Area).
F. J. GOODE.	(21st June, 1930.)



## DISTRICT MEDICAL OFFICERS OF HEALTH.

## URBAN.

<i>District.</i>				<i>Medical Officer of Health.</i>
Bromyard	...	...	...	DR. ARCHIBALD PENMAN.
Hereford City	...	...	...	DR. A. M. BROWN.
Kington	...	...	...	DR. RICHARD HARDING.
Ledbury	...	...	...	DR. J. MCKEAN HARRISON.
Leominster	...	...	...	DR. ROBERT WILLIAMS.
Ross	...	...	...	DR. J. E. HAINE
(1st July, 1930.)				

## RURAL.

Bredwardine	...	...	...	DR. T. HINCKS.
Hereford	...	...	...	DR. R. WOOD POWER.
Dore	...	...	...	LIEUT.-COL. C. F. WANHILL.
Weobley	...	...	...	
Bromyard	...	...	...	DR. ARCHIBALD PENMAN.
Ledbury	...	...	...	
Leominster	...	...	...	
Kington	...	...	...	DR. RICHARD HARDING.
Ross	...	...	...	DR. J. E. HAINE
(1st July, 1930.)				
Whitchurch	...	...	...	DR. W. H. WILLIAMS.
Wigmore	...	...	...	DR. W. B. DARROLL.

## PUBLIC ASSISTANCE DEPARTMENT.

## MEDICAL OFFICERS, ETC., UNDER THE POOR LAW ACTS.

<i>Medical District.</i>	<i>Medical Officer.</i>	<i>Public Vaccinator.</i>	<i>Population</i>
Bromyard ...	W. W. Wells ...	W. W. Wells ...	4795
Bishops Frome ...	S. W. Russell ...	S. W. Russell ...	3362
Cradley ...	L. A. Drake ...	L. A. Drake ...	1113
Bredwardine ...	T. E. Hincks ...	T. E. Hincks ...	1969
Kentchurch ...	A. M. Humphry ...	A. M. Humphry ...	1044
Longtown ...	W. H. Morgan ...	W. H. Morgan ...	2020
Madley ...	W. R. Forster ...	W. R. Forster ...	1700
Peterchurch ...	A. W. McMichael ...	A. W. McMichael ...	1490
Purghill ...	J. R. Bulman ...	J. R. Bulman ...	7932
Dewchurch ...	E. W. DuBuisson ...	E. W. DuBuisson ...	5962
Hereford City ...	W. G. Maule ...	J. A. Prichard ...	23322
Eardisley ...	Q. R. Darling ...	Q. R. Darling ...	1216
Kington ...	G. W. Dryland ...	G. W. Dryland ...	3497
Kinsham ...	R. R. Walker ...	R. R. Walker ...	978
Pembridge ...	D. A. K. Cassells ...	D. A. K. Cassells ...	1228
Lower Harpton ...	E. E. Heaney ...	E. E. Heaney ...	53
Bosbury ...	L. B. C. Trotter ...	L. B. C. Trotter ...	2264
Ledbury ...	J. McKean Harrison ...	J. McKean Harrison ...	5146
Yarkhill ...	H. A. Picton ...	H. A. Picton ...	2761
Colwall ...	E. G. H. Williams ...	L. B. C. Trotter ...	2043
Leominster ...	A. T. L. Kingdon ...	A. T. L. Kingdon ...	8427
Kingsland ...	J. E. B. Morton ...	J. E. B. Morton ...	4817
Bodenham ...	J. W. Johnstone ...	J. W. Johnstone ...	685
Leintwardine ...	W. B. Darroll ...	W. B. Darroll ...	726
Brampton Brian ...	W. B. Darroll ...	W. B. Darroll ...	1640
Ross No. 1 Area ...	H. L. D'Olier ...	L. B. Green... ...	4127
	Duckworth		
No. 2 " ...	J. L. Dunlop ...	L. B. Green... ...	3162
No. 3 " ...	L. B. Green... ...	L. B. Green... ...	4986
No. 4 " ...	W. H. Cam ...	L. B. Green... ...	2350
Hope Mansell ...	H. Stanger ...	H. Stanger ...	255
Garway ...	A. M. Humphry ...	A. M. Humphry ...	350
Whitchurch ...	P. G. Harvey ...	W. H. Williams ...	1243
Welsh Bicknor ...	P. Buchanan ...	W. H. Williams ...	87
Woolley ...	J. S. Clarke ...	J. S. Clarke ...	3339
Eardisland ...	D. A. K. Cassells ...	D. A. K. Cassells ...	496
Canon Pyon ...	H. Colbatch Clark ...	H. Colbatch Clark ...	574
Stanton-on-Wye ...	J. Steed ...	J. Steed ...	2030

**HOSPITALS.**  
**(1.) ISOLATION HOSPITALS.**

<i>Name of Hospital and Situation.</i>	<i>No. of Beds.</i>	<i>Management.</i>
Hereford City Isolation Hospital, Tupsley ... ..	16	Hereford Town Council.
Hereford Rural District Isolation Hospital, Stretton Sugwas ...	19	Hereford Rural District Council.
Kington Fever Hospital, Kingswood ... ..	2	Kington Urban and Rural District Councils.
Ross Rural Isolation Hospital, Ross ... ..	15	Ross Rural District Council.
Hereford Small-Pox Hospital, Tupsley ... ..	8	Hereford Town Council.
Hereford Rural District Small-Pox Hospital, Burley, Bromyard ...	4	Hereford Rural District Council.
Leominster Urban Small-Pox Hospital, Ebnal ... ..	5	Leominster Borough Council.

The number of beds is based on the requirements of the Ministry of Health, which recommend 144 square feet per patient.

## PUBLIC ASSISTANCE INSTITUTIONS.

## (II.) PARTICULARS OF ACCOMMODATION AVAILABLE FOR SICK PATIENTS IN THE POOR LAW INSTITUTIONS.

Name.	Situation.	Purpose.	Sick.		Maternity.		Mental Deficiency.	STAFF.				
			M.	W. C.	W.	C.		Medical Officer.	Head	Nursing Staff.	Assistants.	Lock Wards.
Bromyard ...	Bromyard...	General	10	12	-	1	1	M. W.	-	1	-	M. W.
Hereford ...	Hereford ...	"	48	30	7	4	3	-	-	2	5	1 2
Kington ...	Kington ...	"	16	12	2	2	2	-	"	-	1	-
Ledbury ...	Ledbury ...	"	19	18	4	4	4	-	"	-	1	-
Leominster ...	Leominster..	"	11	17	1	2	1	-	"	-	1	-
Ross ...	Ross ...	"	24	26	-	5	2	25 15	"	-	3	-
Weobley ...	Weobley ...	"	12	12	2	-	-	-	"	-	1	-

(III.) VOLUNTARY HOSPITALS FOR GENERAL MEDICAL AND SURGICAL CASES.

<i>Name and Situation.</i>	<i>No. of Beds including Cots.</i>	<i>Remarks.</i>
Herefordshire General Hospital, Hereford ...	116	40 Medical, 49 Surgical, 5 Maternity, 20 Orthopaedic, 2 Puerperal Sepsis.
Victoria Eye Hospital, Hereford ...	19	10 Male, 7 Female, 1 Private, 1 Ophthalmia Neonatorum.
Leominster Cottage Hospital ...	13	6 Female, 4 Male, 2 Emergency for either sex, 1 Cot.
Ledbury Cottage Hospital ...	12	5 Male, 4 Female, 2 Emergency for either sex. 1 Cot.
Ross Dispensary and Cottage Hospital ...	10	5 Male, 5 Female.
Kington Victoria Cottage Hospital ...	9	3 Male, 3 Female, 2 Emergency for either sex. 1 Cot.

## NATURAL AND SOCIAL CONDITIONS, ETC., OF THE AREA.

The County of Hereford lies between  $50^{\circ}49'$  and  $52^{\circ}24'$  North latitude, and between  $2^{\circ}21'$  and  $3^{\circ}7'$  West longitude. It is about 40 miles long by 36 miles broad, and the area of the administrative County is 538,924 acres. The present population of the County is 114,180. The County is mostly hilly, watered by small hill streams subject to floods, and having for its chief watercourse the Wye, which is partly navigable for barges. Herefordshire belongs mostly to the red old sandstone formation, and the soil is principally a deep, heavy, red loam changing to clay or gravel. The County is well known for its breed of cattle, and many horses are also bred. Timber is much grown, and the oak is good. The orchards yield good cider and perry. Wheat, barley, clover, vetches and turnips are the chief crops. Hops are also largely grown in this County. There are very few manufacturing trades in the County, but brewing and malting, cider and perry making are carried on. The mechanics are mostly engaged in the timber trade, carpenters, masons, smiths, tanners, skinnners.

### GENERAL STATISTICS.

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Area	...	...	...	...	538,924 Acres.
Population—1929	...	...	...	...	110,670
„ 1928	...	...	...	...	112,000
Number of Structurally Separate Dwellings (1921)	...	...	...	...	27,590
Number of Families or Separate Occupiers (1921)	...	...	...	...	26,876
Number of Inhabited Houses end of 1930	...	...	...	...	28,779

Rateable Value, £515,801 (City, £166,634 ; County, £349,167).

Sum represented by a penny rate—£1,990.

				<i>Total.</i>	<i>M.</i>	<i>F.</i>
Births—Legitimate	...	...	...	1618	799	819
„ Illegitimate	...	...	...	122	69	53
Still Births—Legitimate	...	...	...	50	27	23
„ Illegitimate	...	...	...	7	4	3

BIRTH RATE—15.7 PER 1,000.

STILL BIRTH RATE—0.52 PER 1,000.

Deaths	...	...	...	...	1491	769	722
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DEATH RATE—13.5 PER 1,000.

Deaths in Public Institutions—16 per cent. of total deaths.

Number of Women dying in or in consequence of childbirth—

From Sepsis	...	...	...	4
From Pyrexia	...	...	...	1
From other Causes	...	...	...	3

Deaths of Infants under 1 year of age per 1,000 births—

Legitimate, 47 ; Illegitimate, 66 ; Total, 48.

Deaths from Measles (all ages)	...	...	...	13
„ „ Whooping Cough (all ages)	...	...	...	6
„ „ Diarrhœa (under 2 years of age)	...	...	...	9

POPULATION.—The following table shows the population at the Census of 1921 and for mid-year 1929 :—

	1921.	1921.	1929.
	<i>Census.</i>	<i>Census.</i>	<i>Mid-year.</i>
		<i>Corrected.</i>	
ADMINISTRATIVE COUNTY ...	113,189	111,829	110,670
URBAN DISTRICTS ...	39,940	39,778	40,120
RURAL DISTRICTS ...	73,249	72,051	70,550

For the County, a single estimate of population is now adopted as applicable for both births and deaths.

## Urban Districts.

	<i>Population Census 1921.</i>	<i>Population Mid-year 1929.</i>
Bromyard ... ..	1,573	1,559
Hereford City (M.B.) ... ..	23,322	23,630
Kington ... ..	1,688	1,668
Ledbury ... ..	3,154	3,187
Leominster (M.B.) ... ..	5,538	5,518
Ross ... ..	4,665	4,558
	39,940	40,120

## Rural Districts.

Bredwardine ... ..	1,969	1,943
Bromyard ... ..	7,697	7,405
Dore ... ..	6,254	5,932
Hereford ... ..	13,894	13,060
Kington ... ..	4,932	4,701
Ledbury ... ..	9,060	8,888
Leominster and Wigmore ... ..	11,069	10,914
Ross ... ..	10,215	9,827
Weobley ... ..	6,439	6,080
Whitchurch ... ..	1,680	1,800
	73,249	70,550

## Total Estimated Civil Population.

As given by Registrar-General.

	<i>Population Census 1921.</i>	<i>Population Mid-year 1929.</i>
Urban Districts ... ..	39,940	40,120
Rural Districts ... ..	73,249	70,550
Total Population Administrative County ... ..	113,189	110,670



## BIRTH-RATE.

The total number of births registered in the County during 1930, after due correction, was 1,740, against 1,777 in 1929. Of this number, 592 occurred in the Urban districts and 1,148 in the Rural Districts.

	<i>No. of Births 1930.</i>	<i>Birth-rate 1930.</i>	<i>Birth-rate 1929.</i>
URBAN DISTRICTS.			
Bromyard ... ..	18	11·6	17·3
Hereford City ... ..	367	15·5	15·8
Kington ... ..	19	11·4	10·8
Ledbury ... ..	42	13·2	17·6
Leominster ... ..	82	14·9	17·8
Ross ... ..	64	14·0	15·5
RURAL DISTRICTS.			
Bredwardine ... ..	36	18·5	17·0
Bromyard ... ..	135	18·2	17·0
Dore ... ..	121	20·4	20·9
Hereford ... ..	231	17·7	15·5
Kington ... ..	66	14·0	16·0
Ledbury ... ..	133	15·0	16·0
Leominster and Wigmore ...	166	15·2	15·0
Ross ... ..	149	15·2	14·7
Weobley ... ..	93	15·3	16·8
Whitchurch ... ..	18	10·0	12·2

Birth-Rates of Urban and Rural Districts  
and Administrative County.

(PER 1,000 PERSONS LIVING).

	1930.	1929.
Urban Districts ... ..	14·8	16·0
Rural Districts ... ..	16·3	16·1
Administrative County ...	15·7	16·1
England and Wales ...	16·3	16·3

The birth-rate for the Administrative County is 0·4 per 1,000 lower than in 1929.

Of the Urban Districts, the highest rate occurred in Hereford (15·5), and the lowest in Kington (11·4). Of the Rural Districts the highest rate occurred in Dore (20·4), and the lowest in Whitchurch (10·0).

### Illegitimate Births.

There were, during 1930, 122 (7%) illegitimate births in the County, compared with 126 in 1929 and 114 in 1928.

### DEATH-RATE.

The number of deaths which occurred in the County during 1930, after due correction for residents and non-residents, was 1,491. Of these, 532 occurred in the Urban Districts and 959 in the Rural Districts. The following table shows how these deaths are distributed and the rates per 1,000 persons living :—

	<i>No. of Deaths. 1930.</i>	<i>Death Rate. 1930.</i>	<i>Death Rate. 1929.</i>
<b>URBAN DISTRICTS.</b>			
Bromyard ... ..	16	10·3	14·1
Hereford City ... ..	281	11·9	13·5
Kington ... ..	30	18·0	17·4
Ledbury ... ..	42	13·2	19·1
Leominster ... ..	80	14·5	14·0
Ross ... ..	83	18·2	15·4
<b>RURAL DISTRICTS.</b>			
Bredwardine ... ..	32	16·5	16·5
Bromyard ... ..	111	15·0	14·6
Dore ... ..	79	13·3	13·5
Hereford ... ..	159	12·2	13·9
Kington ... ..	69	14·7	15·3
Ledbury ... ..	114	12·8	11·5
Leominster and Wigmore...	146	13·4	15·8
Ross ... ..	140	14·3	13·5
Weobley ... ..	84	13·8	14·0
Whitchurch... ..	25	13·9	10·0

Death-Rates of Urban and Rural Districts and  
Administrative County.

(PER 1,000 PERSONS LIVING.)

	1930.	1929.
Urban Districts ... ..	13·3	14·4
Rural Districts ... ..	13·6	13·9
Administrative County ... ..	13·5	14·1
England and Wales ... ..	11·4	13·4

The death-rate of the County for 1930 is 0.6 per 1,000 lower than that for the year 1929, and is 2.1 per 1,000 higher than the death-rate for England and Wales.

Of the Urban Districts, the highest death-rate (18·2) occurred in Ross and of the Rural Districts (16·5) in Bredwardine.

The following Table gives the chief causes of death, with percentages for year 1930 :—

CAUSE OF DEATH.	No. of Deaths.	Percentage of Total Deaths.
1. Organic Heart Disease ... ..	239	16·0
2. Malignant Disease ... ..	174	11·7
3. Cerebral Hæmorrhage ... ..	113	7·6
4. Tuberculosis (including Phthisis, 77)...	97	6·5
5. Pneumonia ... ..	72	4·8
6. Arterio-Sclerosis ... ..	68	4·6
7. Nephritis and Bright's Disease ...	63	4·2
8. Bronchitis ... ..	54	3·6
9. Violence (other than Suicide) ...	48	3·2
10. Congenital Debility ... ..	43	2·9
11. Diabetes ... ..	29	2·0
12. Other Respiratory Diseases ... ..	27	1·8
13. Influenza ... ..	24	1·6
14. Ulcer of Stomach and Duodenum ...	19	1·3
15. Suicide ... ..	15	1·0
16. Measles ... ..	13	0·9

### INFANTILE MORTALITY.

The infant mortality rate refers to the number of children who die under the age of one year, per 1,000 births. During the year there were 32 deaths in the Urban and 52 deaths in the Rural Districts of children under one year—in all 84.

	<i>No. of Deaths, 1930.</i>	<i>Rate, 1930.</i>	<i>Rate, 1929.</i>
<b>URBAN.</b>			
Bromyard ... ..	0	0	37
Hereford City ... ..	17	46	110
Kington ... ..	1	53	111
Ledbury ... ..	2	48	71
Leominster ... ..	3	37	51
Ross ... ..	9	141	28
<b>RURAL.</b>			
Bredwardine ... ..	2	56	0
Bromyard ... ..	11	81	40
Dore ... ..	5	41	40
Hereford ... ..	9	39	104
Kington ... ..	2	30	53
Ledbury ... ..	4	30	56
Leominster and Wigmore...	11	66	65
Ross ... ..	6	40	69
Weobley ... ..	2	22	20
Whitchurch... ..	0	0	45

### Infantile Mortality Rates for Urban and Rural Districts and Administrative County.

(PER 1,000 BIRTHS.)

	1930.	1929.
Urban Districts ... ..	54	86
Rural Districts ... ..	45	59
Administrative County ... ..	48	69
England and Wales ... ..	60	74

The rate for the County as a whole is lower by 21 per 1,000 births than that for 1929. The rate for the Urban Districts is 32 per 1,000 lower than in 1929, and that for the Rural Districts is 14 per 1,000 lower than in 1929.

In England and Wales as a whole the rate in 1930 was 60 per 1,000 births.

In the 107 great towns it was 64 per 1,000 births. In the 159 smaller towns it was 55 per 1,000 births.

There were 76 deaths among LEGITIMATE children under one year, out of 1,618 LEGITIMATE births—equal to a rate of 47 per 1,000.

There were 8 deaths among ILLEGITIMATE children under one year, out of 122 ILLEGITIMATE births—equal to a rate of 66 per 1,000.

### ZYMOTIC DEATH-RATE, Etc.

By the above term is meant the deaths from the Principal Infectious Diseases. There were 63 deaths, against 111 in 1929.

#### Number of Deaths from the Principal Zymotic Diseases in 1930.

	<i>Urban Districts.</i>	<i>Rural Districts.</i>	<i>Admin. County.</i>
Small Pox ... ..	0	0	0
Measles ... ..	5	8	13
Scarlet Fever ... ..	1	1	2
Whooping Cough ... ..	3	3	6
Diphtheria ... ..	5	1	6
Enteric Fever ... ..	0	0	0
Diarrhœa and Enteritis (under 2 years) ... ..	4	5	9
Influenza ... ..	7	17	24
Encephalitis Lethargica ... ..	1	2	3
TOTALS ... ..	26	37	63

### . TUBERCULOSIS.

During the year 1930, 97 deaths were directly attributable to Tuberculosis. Of this number 77 of the deaths were caused by Pulmonary Tuberculosis (Phthisis), and 20 by other tubercular diseases.

Compared with 1929, therefore, there were 12 more deaths from all forms of Tuberculosis, 7 more from Tuberculosis of the Lungs (Phthisis), and 5 more deaths from other forms of Tuberculosis than in 1929.

## Phthisis.

TUBERCULOSIS OF LUNGS (PHTHISIS).—The number of deaths from Phthisis in the Administrative County during 1930 was 77 (compared with 70 in 1929), of which 31 occurred in the Urban and 46 in the Rural Districts. The rates per 1,000 persons for the separate districts are:—

DISTRICT.	No. of Deaths, 1930.	Rate per 1,000, 1930.	Rate per 1,000, 1929.
URBAN DISTRICTS.			
Bromyard ... ..	2	1.28	0.64
Hereford City ... ..	19	0.80	0.63
Kington ... ..	2	1.20	0.60
Ledbury ... ..	1	0.31	0.94
Leominster ... ..	2	0.36	0.54
Ross ... ..	5	1.10	0.66
RURAL DISTRICTS.			
Bredwardine ... ..	2	1.03	1.03
Bromyard ... ..	6	0.81	0.41
Dore ... ..	3	0.51	0.67
Hereford ... ..	11	0.84	0.61
Kington ... ..	2	0.43	0.64
Ledbury ... ..	5	0.56	0.80
Leominster and Wignmore	8	0.73	0.64
Ross ... ..	4	0.41	0.41
Weobley ... ..	5	0.82	0.82
Whitchurch ... ..	0	0.00	0.56

The rates for Urban and Rural areas and Administrative County are:—

	No. of Deaths, 1930.	Rate per 1,000 persons, 1930.	Rate per 1,000 persons, 1929.
Urban Districts ...	31	.773	.648
Rural Districts ...	46	.652	.624
Administrative County...	77	.696	.633
England and Wales ...	29,414	.739	.793

The Phthisis death rate in the Administrative County is higher than in 1929 by .063 per 1,000 persons living.

## Other Forms of Tuberculosis.

During 1930 there were 20 deaths—8 in the Urban and 12 in the Rural Districts—from other forms of tuberculosis (compared with 15 in 1929) giving the following rates:—

DISTRICT.	Total Tuberculosis Rate per 1,000. (including Phthisis).		“Other Forms of Tuberculosis” Rate per 1,000 (excluding Phthisis).	
	1930.	1929.	1930.	1929.
URBAN.				
Bromyard ... ..	1.28	0.64	0.00	0.00
Hereford City ... ..	1.02	0.63	0.21	0.00
Kington ... ..	1.80	1.80	0.60	1.20
Ledbury ... ..	0.31	1.88	0.00	0.94
Leominster ... ..	0.72	0.54	0.36	0.00
Ross ... ..	1.10	0.66	0.00	0.00
RURAL.				
Bredwardine ... ..	1.03	1.54	0.00	0.51
Bromyard ... ..	0.81	0.41	0.00	0.00
Dore ... ..	0.51	0.84	0.00	0.17
Hereford ... ..	1.15	0.92	0.31	0.31
Kington ... ..	0.86	0.64	0.43	0.00
Ledbury ... ..	0.56	0.80	0.00	0.00
Leominster and Wigmore...	0.92	0.66	0.18	0.13
Ross ... ..	0.61	0.61	0.20	0.20
Weobley ... ..	1.15	0.99	0.33	0.16
Whitchurch ... ..	0.00	0.56	0.00	0.00

“Total Tuberculosis” and “Other Tubercular Diseases” Rates,  
Urban and Rural Districts and Administrative County.

	Total Tuberculosis Rate per 1,000 (including Phthisis).		“Other Forms of Tuberculosis” Rate per 1,000 (excluding Phthisis).	
	1930.	1929.	1930.	1929.
Urban Districts ... ..	0.972	0.773	0.199	0.125
Rural Districts ... ..	0.822	0.765	0.170	0.141
Administrative County ... ..	0.876	0.768	0.181	0.135
England and Wales ... ..	0.898	0.959	0.159	0.166



Number of Cases of Tuberculosis Notified from  
29th Dec., 1929, to 27th Dec., 1930.

	Pulmonary Tuberculosis.		Other forms of Tuberculosis.	
	No. of Cases Notified.	Rate per 1,000 Population.	No. of Cases Notified.	Rate per 1,000 Population.
Administrative County ...	99	0·89	52	0·47

### ADMINISTRATIVE MEASURES AGAINST TUBERCULOSIS.

#### Notification, Etc.

The number of Pulmonary Cases notified during 1930 was the same as, and the number of non-Pulmonary Cases notified was 9 more, than in 1929.

The methods adopted for the prevention of Tuberculosis were fully set out in the Survey Report for 1925.

A considerable proportion of cases still consult their own doctors too late, and when notified are too advanced to be suitable for Sanatorium treatment.

Nieuport Sanatorium, Almeley, provided by the County Council, was ready for the reception of early cases of Tuberculosis at the end of January, 1923, and provision is made for the treatment of 34 adults and 28 children. The Children's Block is entirely separated from "Nieuport House," where the adults are accommodated. There are also Tuberculosis Dispensaries at Hereford Bromyard, Kington, Leonminster, Ross and Ledbury, full particulars being given as to situation and time of clinic on page 36 of this Report.

#### Surgical Tuberculosis.

Four beds at Shropshire Orthopædic Hospital are available for cases of Surgical Tuberculosis, and these are occupied almost continuously throughout the year, and at the present time seem to meet the requirements adequately. Four beds are available for Lupus Cases at the London Hospital.



## General.

During 1930, 77 deaths occurred from Pulmonary Tuberculosis—38 males and 39 females. Of these, 34 males and 34 females have been traced as being notified; 4 males and 5 females were not notified. Twenty deaths occurred from non-Pulmonary Tuberculosis—10 males and 10 females, of whom 8 males and 7 females had been previously notified; 2 males and 3 females were not notified. The ratio of non-notified Tuberculosis deaths to total Tuberculosis deaths is therefore 14 : 97 or 1 : 7.

No action has been taken under the Public Health (Prevention of Tuberculosis) Regulations or under the Public Health Act, 1925, Section 62, during the year.

Very close co-operation has been maintained with the Sanitary Authorities, and copies of Laboratory Reports on analyses of Sputa, etc., are sent to Sanitary Authorities for their information, and those Authorities materially assist the Tuberculosis Officer by undertaking the disinfection of shelters.

No Dental Treatment is provided by the Council.

Patients are visited regularly by the Health Visiting Staff on their discharge from Sanatorium.

A large amount of work is done in regard to non-Pulmonary cases by the local Orthopædic After-Care Committee—a voluntary organisation under the auspices of the British Red Cross Society—which is a most efficient body of workers. Clinics are held at Hereford, Leominster and Ledbury, under the supervision of a Surgeon from Shropshire Orthopædic Hospital.

## Tuberculosis.

AGE PERIODS.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1 ...	—	—	—	—	—	—	—	—
1—5 ...	—	—	4	2	—	—	1	2
5—10 ...	2	1	13	1	—	2	2	1
10—15 ...	2	4	1	1	1	2	1	—
15—20 ...	5	8	4	3	1	3	2	1
20—25 ...	4	11	2	3	4	7	1	1
25—35 ...	12	13	4	5	10	9	2	2
35—45 ...	7	6	1	6	9	5	1	2
45—55 ...	8	7	—	1	10	7	—	—
55—65 ...	4	3	—	—	1	1	—	—
65 and upwards ...	2	—	—	1	2	3	—	1
TOTALS ...	46	53	29	23	38	39	10	10

## Treatment.

### (a) DISPENSARIES.

During the year the Dispensaries dealt with 1,003 separate attendances of patients, involving 862 patients; 424 new cases came under review.

The function of the Dispensary is to decide what form of treatment is suitable for each case. Early cases only, if possible, should be sent to Sanatorium, while late cases are granted Domiciliary treatment and the use of a Shelter where possible.

### (b) INSTITUTIONAL.

Seven cases of Surgical Tuberculosis received treatment at the Shropshire Orthopædic Hospital during the year—5 males and 2 females.

Two cases of Lupus were treated at London Hospital—1 female and 1 male—and discharged during the year.

## NIEUPORT SANATORIUM.

### ANNUAL REPORT FOR YEAR ENDED 31ST DECEMBER, 1930.

During the year we have had fewer adult patients from the County, suitable for Sanatorium treatment.

The beds have been partially filled, firstly by cases who were more advanced, 10 of whom were kept until they died here. This may not be ideal for the Sanatorium, but it is certainly advantageous to keep the patients here rather than they should leave and die under poor home conditions, liable to further infect their families, especially as there is no home for advanced cases in the County. Secondly, 3 women and 4 men from London, and 3 men from Worcestershire, have been admitted, who, with the exception of one of the latter, made satisfactory progress here.

Like Medical Superintendents at other Sanatoria, I much regret it seems impossible to obtain cases of early disease in this County, who might have real advantage from receiving treatment.

TABLE I.  
NUMBER OF PATIENTS ADMITTED.

ADULTS.					
Males	...	...	...	...	43
Females	...	...	...	...	34
					<hr/> 77
CHILDREN.					
Boys	...	...	...	...	32
Girls	...	...	...	...	23
					<hr/> 55
Total	...	...	...	...	<hr/> 132

The ages of these patients are shown in the following Table:—

TABLE II.  
AGES OF PATIENTS ADMITTED.

ADULTS.					
Males.			Females.		
Under 20 years ...	...	6	Under 20 years ...	...	5
„ 30 „ ...	...	18	„ 30 „ ...	...	10
„ 40 „ ...	...	8	„ 40 „ ...	...	11
„ 50 „ ...	...	5	„ 50 „ ...	...	6
„ 60 „ ...	...	6	„ 60 „ ...	...	1
Over 60 „ ...	...	—	Over 60 „ ...	...	1
Total ...		43	Total ...		34
		—			—
CHILDREN.					
Boys.			Girls.		
Under 5 years ...	...	3	Under 5 years ...	...	1
„ 10 „ ...	...	17	„ 10 „ ...	...	13
„ 14 „ ...	...	12	„ 14 „ ...	...	9
Over 14 „ ...	...	—	Over 14 „ ...	...	—
Total ...		32	Total ...		23
		—			—

On 31st December 1929, there were 51 patients remaining in the Sanatorium; 132 cases were admitted during the year 1930, making a total of 183 cases treated in the year. Of that number, 128 have been discharged, leaving 55 patients in the Sanatorium on 31st December, 1930.

TABLE III.

## PATIENTS DISCHARGED.

Adults ... 73      Children ... 55      Total ... 128

## AVERAGE LENGTH OF TREATMENT.

Adults ... 112 days.      Children ... 216 days

The Classification on admission of the 128 cases discharged is shewn on Table IV. The method of classification is the same as that used on Page 3 of the Yearly Financial Statement (Form T.90) (Revised) required by the Ministry of Health.

TABLE IV.

## CLASSIFICATION OF CASES DISCHARGED.

	ADULTS.		CHILDREN.		TOTALS.
	Males.	Females.	Boys.	Girls.	
Pulmonary—					
1. Observation ... ..	2	2	23	26	53
2. Early ... ..	18	15	1	—	34
3. Intermediate ... ..	8	8	—	—	16
4. Advanced ... ..	10	4	—	—	14
Non-Pulmonary—...					
1. Glandular-Peritoneum, &c....	3	—	3	—	6
2. Bones and Joints ... ..	2	1	2	—	5
TOTALS ... ..	43	30	29	26	128

## RESULTS OF TREATMENT.

With reference to the results of treatment, the actual gain or loss of weight has been considered in four tables—V. (a), (b), (c), and (d)—shewing adult males and females and boys and girls separately. The actual weight is considered in pounds and ounces and, on the whole, is quite satisfactory. The actual condition of the 128 patients on discharge is shewn in Table VI.

TABLE V. (a).  
ADULTS (MALES).

Classification.	No. of Cases which shew				Total.		Average.	
	Gain.	Loss.	No change	No record.	Gain.	Loss.	Gain.	Loss.
Observation ...	2	—	—	—	lb. oz. 5 4	—	lb. oz. 2 10	—
Early ...	16	1	—	1	127 0	3 12	7 15	3 12
Intermediate ...	7	—	—	1	72 4	—	10 5	—
Advanced ...	3	—	—	7	22 12	—	7 9	—
Glandular- Peritoneum, &c.	2	—	—	1	8 8	—	4 4	—
Bones & Joints ...	1	—	—	1	7 4	—	7 4	—
TOTALS ...	31	1	—	11	243 0	3 12	7 13	3 12

TABLE V. (b).  
ADULTS (FEMALES).

Classification.	No. of Cases which shew				Total.		Average.	
	Gain.	Loss.	No change	No record.	Gain.	Loss.	Gain.	Loss.
Observation ...	2	—	—	—	lb. oz. 7 12	—	lb. oz. 3 14	—
Early ...	15	—	—	—	126 4	—	8 7	—
Intermediate ...	8	—	—	—	56 12	—	7 1	—
Advanced ...	—	—	—	4	—	—	—	—
Bones & Joints ...	—	—	—	1	—	—	—	—
TOTALS ...	25	—	—	5	190 12	—	7 10	—

TABLE V. (c).

## CHILDREN (BOYS).

Classification.	No. of Cases which shew				Total.		Average.	
	Gain.	Loss.	No change	No record.	Gain.	Loss.	Gain.	Loss.
Observation ...	22	—	—	1	lb. oz. 185 0	lb. oz. —	lb. oz. 8 6	lb. oz. —
Early ...	1	—	—	—	13 12	—	13 12	—
Glandular- Peritoneum, &c.	3	—	—	—	18 4	—	6 1	—
Bones & Joints ...	2	—	—	—	48 8	—	24 4	—
TOTALS ...	28	—	—	1	265 8	—	9 8	—

TABLE V. (d).

## CHILDREN (GIRLS).

Classification.	No. of Cases which shew				Total.		Average.	
	Gain.	Loss.	No change	No record.	Gain.	Loss.	Gain.	Loss.
Observation ...	26	—	—	—	lb. oz. 248 0	lb. oz. —	lb. oz. 9 9	lb. oz. —
Early ...	—	—	—	—	—	—	—	—
Bones & Joints ...	—	—	—	—	—	—	—	—
TOTALS ...	26	—	—	—	248 0	—	9 9	—

TABLE VI.

Classification on Admission.		Classification on Discharge						Total.	
		A	B	C	D	E	F		
PULMONARY—									
1. Observation ...	{	Males ...	—	—	—	—	2	2	
		Females...	—	—	—	—	2	2	
		Boys ...	—	—	—	1	1	21	23
		Girls ...	—	—	—	—	—	26	26
2. Early ...	{	Males ...	15	1	—	—	2	—	18
		Females...	13	2	—	—	—	—	15
		Boys ...	1	—	—	—	—	—	1
		Girls ...	—	—	—	—	—	—	—
3. Intermediate ...	{	Males ...	1	6	1	—	—	—	8
		Females...	3	5	—	—	—	—	8
		Boys ...	—	—	—	—	—	—	—
		Girls ...	—	—	—	—	—	—	—
4. Advanced ...	{	Males ...	—	—	3	7	—	—	10
		Females...	—	—	2	2	—	—	4
		Boys ...	—	—	—	—	—	—	—
		Girls ...	—	—	—	—	—	—	—
NON-PULMONARY—									
1. Glandular- Peritoneum, &c. ...	{	Males ...	1	1	—	1	—	—	3
		Females...	—	—	—	—	—	—	—
		Boys ...	3	—	—	—	—	—	3
		Girls ...	—	—	—	—	—	—	—
2. Bones and Joints ...	{	Males ...	1	1	—	—	—	—	2
		Females...	—	1	—	—	—	—	1
		Boys ...	1	1	—	—	—	—	2
		Girls ...	—	—	—	—	—	—	—
TOTALS ...		39	18	6	11	3	51	128	

A. Disease Quiescent. B. Improved, but not Quiescent. C. No improvement. D. Died in Sanatorium. E. Self-discharged or dismissed. F. No definite evidence of Tuberculosis.

It will be seen from Table VI. that 3 cases (2 men, and 1 child) left the Sanatorium against my advice. On the whole, the patients have carried out their treatment to my satisfaction, and their general conduct has been excellent.

As in previous years, the patients, as they improved in health, were given some useful work to do. The men have done quite helpful jobs in the gardens and, on wet days, have chopped firewood in the shed adapted for the purpose. The women have followed their usual routine of washing up after meals, and tidying their quarters.

BASIL ADAMS, M.D., D.P.H.,  
Medical Superintendent.

AVERAGE NUMBER OF BEDS AVAILABLE FOR PATIENTS DURING THE YEAR 1930.

	Observation.	PULMONARY TUBERCULOSIS.		NON-PULMONARY TUBERCULOSIS.		Total.
		"Sanatorium" Beds.	"Hospital" Beds.	Disease of Bones and Joints.	Other Conditions.	
Adult Males	2	10	5	1	1	19
Adult Females	2	9	4	1	1	17
Children under 15	20	4	—	4	2	30
TOTAL	24	23	9	6	4	66

RETURN SHOWING THE EXTENT OF RESIDENTIAL TREATMENT DURING THE YEAR 1930.

	In Institutions on Jan. 1.	Admitted during the year.	Discharged during the year.	Died in the Institutions.	In Institutions on Dec. 31.
NUMBER OF PATIENTS—					
Adults—M. ...	14	36	30	8	12
F. ...	6	34	24	2	14
Children—M. ...	5	7	8	—	4
F. ...	1	3	1	—	3
NUMBER OF OBSERVATION CASES—					
Adults—M. ...	—	6	5	—	1
F. ...	—	6	6	—	—
Children—M. ...	12	25	22	1	14
F. ...	14	20	26	—	8
Total	52	137	122	11	56



Classification on admission to the Institution.	CONDITION AT TIME OF DISCHARGE.	Duration of Residential Treatment in the Institution.											
		Under 3 months.			3-6 months.			6-12 months.			More than 12 months.		
		M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.	M.	F.	Ch.
Class T.B. minus.	Quiescent	5	4	...	3	2	1	...	...	1	...	...	...
	Improved	...	1	...	...	...	...	...	...	...	1	...	...
	No material improvement	...	...	...	...	...	...	...	...	...	...	...	...
Class T.B. plus. Group 1.	Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...
	Quiescent	...	1	...	4	5	...	...	...	...	...	...	...
	Improved	1	...	...	1	...	...	...	...	...	...	...	...
Class T.B. plus. Group 2.	No material improvement	...	...	...	...	...	...	...	...	...	...	...	...
	Quiescent	...	...	...	...	1	...	...	...	...	...	...	...
	Improved	2	...	...	1	4	...	1	...	...	...	...	...
Class T.B. plus. Group 3.	No material improvement	...	...	...	1	...	...	...	...	...	...	...	...
	Died in Institution	...	...	...	1	...	...	...	...	...	...	...	...
	Quiescent	1	...	...	...	...	...	...	...	...	...	...	...
Bones and Joints.	Improved	4	2	...	1	1	...	...	...	...	...	...	...
	No material improvement	...	...	...	...	...	...	...	...	...	...	...	...
	Quiescent or Arrested	1	1	...	1	...	1	...	...	...	1	...	...
Abdominal.	Improved	...	1	...	...	...	...	...	1	...	...	...	...
	Quiescent or Arrested	...	...	...	...	...	...	...	...	...	...	...	...
	Improved	...	...	...	...	...	...	...	...	...	...	...	...
Other Organs.	Quiescent or Arrested	...	...	...	...	...	...	...	...	...	...	...	...
	Improved	1	...	...	...	...	1	...	...	1	...	...	...
	Quiescent or Arrested	...	...	...	...	...	...	...	...	...	...	...	...
Peripheral Glands.	Improved	1	...	...	...	...	2	...	...	...	...	...	...
	Quiescent or Arrested	1	...	...	...	...	...	...	...	...	...	...	...
	Died in Institution	...	...	...	...	...	...	...	...	...	...	...	...
Observation for purpose of diagnosis—		Under 1 week.			1-2 weeks.			2-4 weeks.			More than 4 weeks.		
Tuberculous		...	...	...	...	...	...	3	3	...	...	...	...
Non-Tuberculous		...	...	1	...	...	1*	2	1	...	2	47	6
Doubtful		...	...	...	...	...	...	...	...	...	...	...	54
Died		...	...	...	...	...	...	...	...	...	...	...	...

\* Died of Pneumonia.

# RETURN SHOWING THE WORK OF THE DISPENSARIES DURING THE YEAR 1930.

DIAGNOSIS.	PULMONARY.				NON-PULMONARY.				TOTAL.			
	Adults.		Children.		Adults.		Children.		Adults.		Children.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
A.—NEW CASES examined during the year (excluding contacts) :—												
(a) Definitely tuberculous ... ..	38	42	2	5	8	13	13	5	46	55	15	10
(b) Doubtfully tuberculous ... ..	—	—	—	—	—	—	—	—	5	4	16	9
(c) Non-tuberculous ... ..	—	—	—	—	—	—	—	—	38	34	37	35
B.—CONTACTS examined during the year :—												
(a) Definitely tuberculous ... ..	—	—	—	—	—	—	1	—	—	—	1	—
(b) Doubtfully tuberculous ... ..	—	—	—	—	—	—	—	—	—	1	—	1
(c) Non-tuberculous ... ..	—	—	—	—	—	—	—	—	23	28	35	32
C.—CASES written off the Dispensary Register as												
(a) Cured ... ..	7	8	—	—	1	1	—	—	8	9	—	—
(b) Diagnosis not confirmed or non-tuberculous (including cancellation of cases notified in error) ...	—	—	—	—	—	—	—	—	75	77	110	96
D.—NUMBER OF PERSONS on Dispensary Register on December 31st :—												
(a) Diagnosis completed ... ..	114	102	7	8	40	39	32	21	154	141	39	29
(b) Diagnosis not completed ... ..	—	—	—	—	—	—	—	—	6	5	15	12

Return showing the work of the Dispensaries during the Year 1930—continued.

1. Number of persons on Dispensary Register on January 1st ... ..	437	9. Number of patients to whom Dental Treatment was given, at or in connection with the Dispensary ... ..	Nil.
2. Number of patients transferred from other areas and of "lost sight of" cases returned ... ..	15	10. Number of consultations with medical practitioners (a) At Homes of Applicants ... .. (b) Otherwise ... ..	85 101
3. Number of patients transferred to other areas and cases "lost sight of" ... ..	35	11. Number of other visits by Tuberculosis Officers to Homes ... ..	432
4. Died during the year ... ..	66	12. Number of visits by Nurses or Health Visitors to Homes for Dispensary purposes ... ..	2773
5. Number of observation cases under A (b) and B (b) above in which period of observation exceeded 2 months ... ..	23	13. Number of (a) Specimens of sputum &c., examined ... .. (b) X-ray examinations made in connection with Dispensary work ... ..	125 1
6. Number of Attendances at the Dispensaries (including Contacts) ... ..	1003	14. Number of Insured Persons on Dispensary Register on the 31st December ... ..	209
7. Number of Attendances of non-pulmonary cases at Orthopaedic Out-stations for treatment or supervision ... ..	Nil.	15. Number of Insured Persons under Domiciliary Treatment on the 31st December ... ..	47
8. Number of Attendances, at General Hospitals or other Institutions approved for the purpose, of patients for (a) "Light" treatment ... .. (b) Other special forms of treatment ... ..	330 Nil.	16. Number of reports received during the year in respect of Insured Persons:— (a) Form G.P. 17 ... .. (b) Form G.P. 36 ... ..	23 73

### Shelters.

There are now 52 Shelters in use. These have been fairly well utilized during the year.

### Extra Nourishment.

During 1930 grants for extra nourishment were made to 23 patients at a cost of £90 16s. 0d.

### Nursing Arrangements.

These are the same as described in previous Reports, and form part of the approved Nursing Scheme for the County. In addition to attendance at the Dispensaries, domiciliary visitation is made to notified cases as soon after notification as possible. Special visits and much attention have been devoted to Tuberculous soldiers.

### OTHER RESPIRATORY DISEASES.

These diseases include Pneumonia, Bronchitis and other diseases of the Respiratory organs (but do not include Tubercular disease of the lungs).

From these causes there were 153 deaths—58 in Urban and 95 in Rural Districts, compared with 171 for 1929.

		<i>Bronchitis.</i>	<i>Pneu- monia.</i>	<i>Other Diseases.</i>	<i>Total Rates per 1,000.</i>
Urban Districts	...	18	28	12	1.45
Rural Districts	...	36	44	15	1.35
Admin. County	...	54	72	27	1.38

# Dispensaries, 1930.

<i>Dispensary.</i>	<i>Day and Hours when Dispensary or Visiting Station is open.</i>	<i>No. of Patients' Attendances.</i>	<i>No. of Cases on Dispensary Register.</i>
Hereford (St. Peter's House)...	Wednesday, Saturday, 10—12.30	375	441
Leominster (Cottage Hospital)	Friday, 12.30—2 (fortnightly)	139	117
Ross (2, Church Street)	Thursday, 11—1 ( " )	207	110
Ledbury (Homend Lodge Cottage)	Tuesday, 12.30—2 ( " )	114	64
Bromyard (Market Square)	Thursday, 10.30—12 ( " )	79	55
Kington (Church Street)	Tuesday, 1.30—2.30 ( " )	89	75
TOTALS		1003	862

NOTIFICATIONS FROM 29th DECEMBER, 1929, TO 27th DECEMBER, 1930.

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Age Period.	NOTIFICATIONS ON FORM "A."												NOTIFICATIONS ON FORM "B."				NOTIFICATIONS ON FORM "C."		
	Number of Primary Notifications.												Total Notifications on Form "A."	No. of Primary Notifications.			Total Notifications on Form "B."	Poor Law Institutions.	Sanatoria.
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards	Total primary Notifications		Under 5	5 to 10	10 to 15			
Pulmonary Males ...	—	—	2	2	5	4	12	7	8	4	2	46	—	—	—	—	1	25	
Pulmonary Females ...	—	—	1	5	8	11	13	6	7	2	—	53	54	—	—	—	3	24	
Non-Pulmonary Males ...	—	4	13	1	4	2	4	1	—	—	—	29	30	—	—	—	—	10	
Non-Pulmonary Females ...	—	2	1	1	3	3	5	6	1	—	1	23	23	—	1	—	4	6	

These figures refer to the cases which have been reported to me weekly by the District Medical Officers of Health—not to the returns in their Annual Reports.

**Cancer.**

During the past year 174 deaths in the County were due to Cancer, 69 occurring in the Urban Districts and 105 in the Rural Districts. The rates are as follow:—

	<i>Rate per 1,000 1930.</i>	<i>Rate per 1,000 1929.</i>
Urban Districts ... ..	1.72	1.69
Rural Districts ... ..	1.49	1.66
Administrative County ...	1.57	1.67

**PREVALENCE OF INFECTIOUS DISEASES.****Small-Pox.**

No cases of Small-pox were notified during the year.

**Scarlet Fever.**

During the year 60 cases were returned as notified in the Urban and 122 in the Rural Districts—182 in all, against 208 in 1929. There were two deaths from Scarlet Fever during 1930—a male, 5–15 years, and a female, 15–25 years.

	<i>Attack Rates per 1,000 population.</i>	<i>Number treated in Hospital.</i>
Urban Districts ... ..	1.49	44
Rural Districts ... ..	1.73	57
Administrative County ...	1.65	101

**Diphtheria.**

The number of cases of Diphtheria notified during 1930 was 210—166 from the Urban Districts and 44 from the Rural Districts, against 168—94 Urban and 74 Rural in 1929.

Six deaths occurred during the year—1 male, 1–2 years, 2 males and 2 females 5–15 years, and 1 female 15–25 years.

	<i>Attack rates per 1,000 population.</i>	<i>Number treated in Hospital.</i>
Urban Districts ... ..	4.14	119
Rural Districts ... ..	0.62	18
Administrative County ...	1.90	137



### Typhoid and Allied Fevers.

Under this head there are 11 cases to record (1 Urban and 10 Rural). There were no deaths.

	<i>Attack rates per 1,000 population.</i>
Urban Districts ... ..	·02
Rural Districts ... ..	·14
Administrative County ... ..	·09

### Puerperal Fever and Puerperal Pyrexia.

There were 7 cases of Puerperal Fever notified during the year (4 from Urban Districts and 3 from Rural Districts), and 27 cases of Puerperal Pyrexia (6 Urban and 21 Rural). These were treated in Hospital and at home.

There were 4 deaths during the year from Puerperal Sepsis, and 1 from Puerperal Pyrexia, 1 between 15—25 years and 4 between 25—45 years.

### Ophthalmia Neonatorum.

During the year 8 cases were notified—5 from the Urban and 3 from the Rural Districts. Six cases were treated in Hospital and 2 at home. All recovered without injury to sight.

### Poliomyelitis.

One case was notified during the year.

### Encephalitis Lethargica.

Three cases of this disease occurred during the year—1 in the Urban and 2 in the Rural Districts. Three deaths occurred during the year, 1 in an Urban District and 2 in Rural Districts—1 male between 25—45 years, 1 female between 5—15 years and 1 female 45—65 years.

### Whooping Cough.

Six deaths occurred from this disease, 3 in the Urban Districts and 3 in the Rural Districts—2 males and 1 female under 1 year, 1 female 1—2 years, 1 male and 1 female 2—5 years.



**Measles.**

Thirteen deaths occurred during the year, 5 in Urban Districts and 8 in Rural Districts—1 male and 1 female 0—1 years, 1 male 1—2 years, 3 males and 1 female 2—5 years, 2 males and 1 female 5—15 years, 1 male 15—25 years, and 2 females 45—65 years.

A system of notification by School Teachers to the School Medical Officer, and the District Medical Officers of Health has been in force for several years, and through this channel cases were ascertained.

**Erysipelas.**

Of this disease 23 cases were notified—13 from the Urban and 10 from the Rural Districts.

**Diarrhœal Diseases.**

Fourteen deaths occurred—6 males and 3 females under 1 year of age, 1 female 2—5 years, 1 male and 1 female 25—45 years, and 2 males 45—65 years.

**Influenza.**

There were 24 deaths, 7 in the Urban and 17 in the Rural Districts—1 male 0—1 years, 1 female 5—15 years, 1 male 15—25 years, 1 male and 1 female 25—45 years, 7 males and 1 female 45—65 years, 5 males and 4 females 65—75 years, 1 male and 1 female over 75 years.

**REGISTRATION OF NURSING HOMES.**

1. Number of applications for registration during 1930..	3
2. Number of Homes registered during 1930 ...	3
3. Number of orders made refusing or cancelling registration ... ..	Nil.
4. Number of appeals against such orders ... ..	Nil.
5. Number of cases in which such orders have been	
(a) confirmed on appeal ... ..	Nil.
(b) disallowed ... ..	Nil.
6. Number of applications for exemption from registration ... ..	Nil.
7. Number of cases in which exemption has been	
(a) granted ... ..	Nil.
(b) withdrawn ... ..	Nil.
(c) refused ... ..	Nil.

**ISOLATION HOSPITALS.**

The provision in respect of Infectious Diseases Isolation Hospitals remains the same. A survey has been made of all

Infectious Diseases Hospitals during the year and the subject of the present accommodation is at present under consideration. A list of these Hospitals will be found on page 10.

### Venereal Diseases.

By the Approved Scheme one Treatment Centre is provided at the Isolation Block of the Hereford Union for the whole County, and is under the care of a physician and a surgeon who have specialised in these diseases. Arrangements are made with Birmingham University Pathological Department for the Wassermann tests, etc., and with the County Laboratory for part of the microscopical work. In-patient treatment is also provided for at the same Institution. Re-construction of the Clinic premises is at present under consideration.

The Clinic is available for the entire County, and is also open to patients from the County of Radnor.

The Clinic is held at the Isolation Block, Hereford Union Workhouse, at the following hours:—

Tuesdays, 6-7 p.m.—Females.

Wednesdays, 1.30 to 2.30 p.m.—Males and Females.

Fridays, 6-7 p.m.—Males.

The Clinic is open to Males for irrigation daily (except Sundays) between 6 and 7 p.m.

The Medical Officers are:—

DR. WILLIAM AINSLIE.

DR. C. W. WALKER.

The present arrangements are fairly adequate and the co-operation of the medical profession is satisfactory. On receipt of the results of the Wassermann reactions from Birmingham, a letter is sent to each practitioner whose patient has given a positive result, together with a card giving all particulars of the Clinic and offering treatment for his patient under the Council's scheme.

The medical practitioners in the area are all well informed of the facilities provided for diagnosis and treatment, and that they can consult the medical officers of the Clinic by appointment on any Clinic day.

Thirteen medical practitioners, in addition to the medical officers of the Clinic, are qualified to receive free supplies of arsenobenzol compounds.

PUBLIC HEALTH (VENEREAL DISEASES) REGULATIONS, 1916.

Returns relating to all persons who were treated at the Treatment Centre during the Year 1930.

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	Syphilis.		Soft Chancere.		Gonorrhœa	Conditions other than Venereal.		Total.
	M.	F.	M.	F.		M.	F.	
1. Number of cases which— (a) at the beginning of the year under report were under treatment or observation for ... .. (b) had been marked off in a previous year as having ceased to attend or as transferred to other Centres, and which returned to the Treatment Centre during the year under report suffering from the same infection ... ..	28	21	—	—	17	2	—	45
TOTAL—Items 1 (a) and 1 (b) ... ..	30	22	—	—	18	2	—	48
2 (a) Number of cases dealt with at the Treatment Centre during the year for the first time—(1) Less than one year's standing (2) More than one year's standing	5	4	—	—	21	2	} 7 6	52
TOTAL—Items 1 (a), 1 (b) and 2 (a) ... ..	50	39	—	—	43	5		100
2 (b). Number of cases included in Item 2 (a) known to have received previous treatment at other Centres for the same infection...	—	—	—	—	5	—	—	5
3. Number of cases which ceased to attend— (a) before completing the first course of treatment for ... .. (b) after one or more courses but before completion of treatment for ... .. (c) after completion of treatment, but before final tests as to cure of ... ..	3	4	—	—	8	1	—	11
4. Number of cases transferred to other Treatment Centres after treatment for ... ..	6	2	—	—	—	—	—	6
5. Number of cases discharged after completion of treatment and observation for ... ..	5	1	—	—	3	1	—	8
6. Number of cases which, at the end of the year under report, were under treatment or observation for ... ..	2	—	—	—	7	—	—	9
TOTAL—Items 3, 4, 5, and 6 ... ..	6	1	—	—	15	—	7 6	28
	28	31	—	—	10	—	—	38
	50	39	—	—	43	5	7 6	100

## PUBLIC HEALTH (VENEREAL DISEASES) REGULATIONS, 1916—cont.

	Syphilis.		Soft Chancres.		Gonorrhœa		Conditions other than Venereal.		Total.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
7. Out-patient attendances—										
(a) For individual attention by the Medical Officer ...	467	368	—	—	246	11	20	9	733	388
(b) For intermediate treatment, e.g., irrigation, dressings, etc....	—	—	—	—	273	—	—	—	273	—
TOTAL ATTENDANCES	467	368	—	—	519	11	20	9	1006	388
8. Aggregate number of "In-patient days" of treatment given to persons who were suffering from ...	44	—	Nil.		16	—	Nil.		60	—
	FOR DETECTION OF				Other Organisms.		For Wassermann Reaction.			
	Spirochetes.		Gonococci.							
9. Examinations of Pathological material :—										
(a) Specimens which were examined at, and by the Medical Officer of, the Treatment Centre ...	Nil.		Nil.		Nil.		Nil.		Nil.	
(b) Specimens from persons attending at the Treatment Centre which were sent for examination to an approved laboratory.	Nil.		55		Nil.		71		71	
10. No. of doses of Salvarsan Substitutes given :—										
(a) Out-patient Clinic ...	...	...	...	...	...	...	Number.		455	
(b) In-patient Department ...	...	...	...	...	...	...	—		—	
TOTAL	...	...	...	...	...	...	455		455	

## HOUSING.

## Housing and Town Planning Act, 1909, etc.

In view of the curtailment of Schemes by the Ministry of Health, most Councils will, no doubt, be content to carry out a modified programme in the meantime. The details of the work of each Sanitary District, kindly supplied by the District Medical Officers of Health, shew the scope of the work done during the year.

	<i>Total New Houses erected during Year.</i>				<i>Houses erected as Part of Council's Scheme.</i>	
URBAN DISTRICTS.						
Bromyard ...	...	...	—	...	—	
Hereford City	...	...	74	...	37	
Kington ...	...	...	—	...	—	
Ledbury ...	...	...	1	...	—	
Leominster ...	...	...	—	...	—	
Ross ...	...	...	10	...	—	
RURAL DISTRICTS.						
Bredwardine	...	...	1	...	—	
Bromyard ...	...	...	12	...	—	
Dore ...	...	...	3	...	—	
Hereford	...	...	9	...	—	
Leominster and Wigmore	...	...	2	...	—	
Weobley ...	...	...	1	...	—	
Ledbury ...	...	...	5	...	—	
Kington	...	...	2	...	2	
Ross ...	...	...	12	...	—	
Whitchurch ...	...	...	1	...	—	

## WATER SUPPLIES.

## URBAN DISTRICTS.

The water supply in all the Urban Districts is satisfactory.

## RURAL DISTRICTS.

The water supplies in the Rural Districts are mainly from shallow wells, which yield waters of a rather low standard.

## SEWERAGE AND DRAINAGE.

This remains the same as outlined in last Survey Report.

# SALE OF FOOD AND DRUGS ACTS.

This is undertaken by the Standing Joint Committee of the County, so far as the County area is concerned. The City of Hereford is a separate local executive Authority, and its Health Committee controls the duties performed under the Acts.

## County of Hereford.

	Number of Samples taken.		Genuine.		Adulterated.	
	Formal.	Informal.	Formal.	Informal.	Formal	Informal.
1. Milk ... ..	25	8	19	6	6	2
2. Butter ... ..	24	8	24	8	0	0
3. Margarine ... ..	2	3	2	3	0	0
4. Lard ... ..	1	3	1	3	0	1
5. Vinegar ... ..	1	2	1	2	0	0
6. Honey ... ..	0	1	0	1	0	0
7. Glycerine ... ..	1	1	1	1	0	0
8. Epsom Salts ... ..	1	0	1	0	0	0
9. Precipitated Chalk ... ..	1	0	1	0	0	0
10. Coffee ... ..	1	1	1	1	0	0
11. Tea ... ..	1	0	1	0	0	0
12. Sugar ... ..	1	0	1	0	0	0
13. Cheese ... ..	1	0	1	0	0	0
14. Pepper ... ..	1	0	1	0	0	0
15. Liquorice Powder ... ..	0	1	0	1	0	0
16. Sodium Bicarbonate ... ..	0	1	0	1	0	0
17. Glauber's Salts ... ..	1	0	1	0	0	0
18. Tartaric Acid ... ..	1	0	1	0	0	0
19. Crushed Linseed ... ..	0	1	0	1	0	0
20. Flowers of Sulphur ... ..	2	0	2	0	0	0
21. Cream of Tartar ... ..	0	1	0	1	0	0
22. Fluid Magnesia ... ..	1	0	1	0	0	0
TOTALS ... ..	66	31	60	29	6	2
	97		89		8	

There were 8 prosecutions under the Acts. One formal sample of milk was 8·3% deficient in fat. The vendor was cautioned. One formal sample of milk was 8·3% deficient in fat. Case dismissed on payment of 4/- costs. One formal sample of milk was 10·3% deficient in fat. Vendor prosecuted, but case dismissed. All the other prosecutions were dismissed.

## PUBLIC HEALTH (CREAM AND MILK) REGULATIONS, 1912 AND 1917.

There were no Samples taken under these Regulations.

## City of Hereford.

The following table shows the number and nature of the articles submitted to the Public Analyst during the year ending 31st December, 1930, and the result of the analysis:—

ARTICLES.	Number Purchased.		Number Genuine.		Number Adulterated.	
	Formal.	Informal.	Formal.	Informal.	Formal.	Informal.
1. Milk ... ..	16	0	16	0	0	0
2. Skimmed Milk ... ..	1	0	1	0	0	0
3. Cream ... ..	0	3	0	3	0	0
4. Butter ... ..	0	5	0	5	0	0
5. Tea ... ..	0	2	0	2	0	0
6. Demerara Sugar ... ..	0	1	0	1	0	0
7. Rice ... ..	0	2	0	2	0	0
8. Baking Powder ... ..	0	2	0	2	0	0
9. Egg Powder ... ..	0	2	0	2	0	0
10. Oatmeal ... ..	0	3	0	3	0	0
11. Ground Ginger ... ..	0	3	0	3	0	0
12. Ground Almonds ... ..	0	2	0	2	0	0
13. Pepper ... ..	0	3	0	3	0	0
14. Arrowroot ... ..	0	2	0	2	0	0
15. Vinegar ... ..	0	1	0	1	0	0
16. Cider ... ..	0	1	0	1	0	0
17. Aerated Water (Apple Crush)	0	1	0	1	0	0
18. Sweets ... ..	0	2	0	2	0	0
19. Sausages ... ..	0	2	0	2	0	0
20. Prawns ... ..	0	1	0	1	0	0
21. Olive Oil ... ..	0	2	0	2	0	0
22. Camphorated Oil ... ..	0	2	0	2	0	0
23. Bicarbonate of Soda ... ..	0	2	0	2	0	0
24. Compound Liquorice Powder	0	2	0	2	0	0
25. Seidlitz Powders ... ..	0	2	0	2	0	0
TOTALS ... ..	17	48	17	48	0	0
	65		65		—	

## OBSERVATIONS.

MILK.—All the samples were genuine, free from preservatives, artificial colouring matter and excessive amounts of extraneous dirt.



## MATERNITY AND CHILD WELFARE.

### Notification of Births (excluding Hereford City):—

REGISTERED—(1) Legitimate—Live Births, 1,271, Still Births, 38 ; (2) Illegitimate—Live Births, 102, Still Births, 5 ; total, 1,416.

NOTIFIED—(1) Live Births, 1,258 ; (2) Still Births, 35 ; total, 1,293.

(1) By Midwives, 1,076 ; (2) Parents and Doctors, 217.

### Infant Deaths (excluding Hereford City):—

(1) Legitimate, 62 ; (2) Illegitimate, 5 ; total, 67.  
Rate per 1,000 births:—

(1) Legitimate, 49 ; (2) Illegitimate, 49 ; total, 49.

### Health Visiting.

The present Scheme, as approved by the Local Government Board, was initiated in November, 1917.

The present whole-time staff consists of the Superintendent with the assistance of a lady clerk, and five Health Visitors, working in six Health areas. In November, 1928, the areas of Ledbury and Bromyard were put under the charge of one Health Visitor, who is provided with a motor car. Within these areas the part-time service of 48 local District Nurses is also available, for school and tuberculosis work and notification of birth duties.

In the several areas the Health Visitors, assisted by the local District Nurses, visit the notified births, attend the local Infant Welfare Centres, visit all notified cases of Tuberculosis, including discharged soldiers, and attend the local Tuberculosis Dispensaries.

### Grants to District Nursing Associations.

Grants are paid to Associations affiliated to the County Nursing Association on the following basis:—£35 for the first year ; £25 a year thereafter.

These grants are intended to be devoted towards paying the District Nurse's salary.



The following is a summary of the work carried out during the year 1930:—

INFANT WELFARE.					Visits.
1.	Attendances at Welfare Centre	...	...	...	258
2.	Visits to Infants under 1 year	...	...	...	1,184
3.	Re-visits	...	...	...	5,771
4.	Visits to Ante-Natal Cases	...	...	...	746
5.	Re-visits	...	...	...	2,359
6.	Visits to Children, 1—5 years	...	...	...	12,177
7.	Post-Natal Visits	...	...	...	124
TUBERCULOSIS.					
1.	Attendances at Dispensary	...	...	...	229
2.	Domiciliary Visits to Notified Cases	...	...	...	103
3.	Re-visits	...	...	...	2,209
4.	Visits to Discharged Soldiers	...	...	...	61
5.	Visits to Shelters	...	...	...	401
OTHER WORK.					
1.	Ophthalmia—Visits and Re-visits	...	...	...	11
2.	Measles	...	...	...	999
3.	Mental Deficiency	...	...	...	916
4.	Puerperal Sepsis	...	...	...	36
TOTAL VISITS					27,584

Expectant and nursing mothers, and children up to five years of age, are seen at the Voluntary Child Welfare Centres. Ante-Natal advice is given at the Centres. Ante-Natal visits are also paid by the Health Visitors in the different areas and advice given. There are no Hospitals run by the County Council for the reception of expectant and nursing mothers and young children.

The arrangements for Orthopædic treatment of children under five years of age is undertaken by the local Orthopædic After Care Committee, as described under Tuberculosis.

MILK (MOTHERS AND CHILDREN) ORDER, 1918.—The Order has been in force during the year, and is operative within the County area as a whole. No scale of wages has been adopted by the Council, the basis of distribution being largely destitution. Every case is carefully scrutinised by the Health Visitors, and all information as to wages, number in family, etc., is transmitted to the County Medical Officer of Health on special forms. Applications come through the Infant Welfare Centres, medical practitioners, local nurses, and Health Visitors. During the period in question these cases were dealt with at a cost of £43 4s. 0d.

### Infant Welfare Centres.

Voluntary Infant Welfare Centres are established in Leominster, Ross, Ledbury, Kington, Weobley, Bromyard, Peterchurch, Pontrilas and Colwall. In the case of Weobley the meetings are held alternately in Weobley and Dilwyn.

The County Council gives to each Voluntary Centre a grant of £5 yearly, and the County Medical Officer, or one of his Assistants, gives advice at the Centres at each meeting.

These Welfares are run by enthusiastic voluntary workers who have local knowledge of the cases requiring advice. This voluntary effort is carried on in cordial co-operation with the official work of the Health Visitors and District Nurses.

Much encouragement has been forthcoming from general practitioners in the areas concerned.

At several of the Centres useful exhibitions were held, and at all the Centres "Health Talks" were given during the year.

The following is an account of the work at the nine Centres during the year:—

1. Number of Infants attended...	...	...	241
2. Number of Attendances	...	...	1,082
3. Number of Children aged 1—5	...	...	417
4. Number of Attendances	...	...	2,503
5. Number of Attendances, Expectant Mothers..			38
6. Average daily attendance	...	...	24
7. Number of children who were breast fed entirely	...	...	278
8. Artificial foods used:—Cows' Milk, Barley Water, Cow and Gate, Glaxo, Nestle's, Allenbury's.			
9. Amount received for artificial foods, Virol, *Clothing, etc., supplied	...	...	£111 3s. 5d.
(*This included such things as Belts, Socks, Vests)			
10. Number in attendance at end of year	...		490
11. Ante-Natal Cases	...	...	3

## THE MIDWIVES' ACT.

## Summary of the Inspector's Work.

Regular Inspection of Midwives	...	...	...	...	290
Special Visits of Enquiry	...	...	...	...	26
Letters and Notices sent out	...	...	...	...	2027

## NOTIFICATIONS RECEIVED :

Of Intention to Practise	...	...	...	...	88
Of Sending for Medical Help	...	...	...	...	431
Of Still-Births	...	...	...	...	14
Last Offices	...	...	...	...	21
Liability to be a Source of Infection	...	...	...	...	8
Artificial Feeding of Infants	...	...	...	...	12
Death of Infants before Arrival of Doctor	...	...	...	...	—
Temporary withdrawals on account of being exposed to infection	...	...	...	...	9
		<i>Died.</i>	<i>Recovered.</i>		<i>Total.</i>
Septic Cases	...	—	8	...	8
Cases of Eclampsia	...	—	—	...	—

## MIDWIVES PRACTISING AND RESIDENT IN THE COUNTY :

Number of Trained Midwives working under Local Nursing Associations affiliated to the County Nursing Association	...	...	...	...	48
Trained Midwives working under local Associations not affiliated to the County Nursing Association	...	...	...	...	1
Trained Midwives practising on their own account	...	...	...	...	38
<i>Bona fide</i> Midwives	...	...	...	...	1
		<b>TOTAL</b>	...	...	<b>88</b>

There are several Midwives resident in adjacent Counties and not included in the above list, who occasionally take cases in Herefordshire, and regularly notify to this Authority their intention to practice.

Quarterly Routine Inspections of Midwives and Special Visits when necessary are undertaken by the Inspector of Midwives.

Two Candidates have been sent for training by the County Nursing Association.

Two Nurses have been sent for a Midwifery Post Graduate Course by the County Nursing Association; in each case the Nurse had been trained and worked in the County for periods of more than five years.

Lectures arranged during the months of October to April in each year continue to be very well attended by independent practising Midwives, District Nurses, Health Visitors and Nurses working in the various Institutions and Nursing Homes. Subjects for lectures are varied and include all branches of Nursing and Public Health work.

### Practice of Midwives.

In 431 instances medical help was called for, the particulars of which are as follows:—

Premature Labour	...	...	...	...	...	10
Long Labour	...	...	...	...	...	142
Rupture of Perineum...	...	...	...	...	...	92
Albuminuria	...	...	...	...	...	20
Abnormal and Doubtful Presentations	...	...	...	...	...	15
High Temperature	...	...	...	...	...	24
Hæmorrhage Ante and Post Partum	...	...	...	...	...	14
Abortions	...	...	...	...	...	12
Threatened Abortions	...	...	...	...	...	4
Vaginal Discharge	...	...	...	...	...	—
Retained and Adherent Placenta and Membranes...	...	...	...	...	...	22
Dangerous Varicose Veins	...	...	...	...	...	—
Feebleness and Prematurity of Child, etc.	...	...	...	...	...	31
Deformities and Abnormalities	...	...	...	...	...	2
Inflammation and Discharge from Eyes	...	...	...	...	...	11
Other Illnesses during Pregnancy and Labour	...	...	...	...	...	32
						<hr/> 431 <hr/>

### Still Births.

The 14 Still Births were notified by 11 Midwives—two at 7 months, five at 8 months, and seven at full term.

### Abortions.

The 12 abortions were notified by 10 Midwives. The periods of gestation were four at 8 weeks; two at 12 weeks; one at 16 weeks; others not given.

### Inflammation of and Discharge from Eyes.

Eleven cases of discharging eyes were notified by 7 Midwives as being the cause of sending for medical help. All recovered satisfactorily.

### Puerperal Fever and Rise of Temperature.

Medical help was called in 24 cases on account of rise of temperature during the puerperium; in 16 of these cases no further notifications were received; five were notified as Puerperal Pyrexia by the doctors called in and three as Puerperal Sepsis. Of the eight cases of Puerperal Pyrexia and Sepsis, two were admitted to Hospital; six were nursed at home, and all the cases made satisfactory recoveries.

**Eclampsia.**

No case of Eclampsia was reported. In 20 cases medical help was sent for on account of Albuminuria during the Ante-Natal period.

**Hæmorrhage.**

Fourteen cases were reported. All recovered.

**Disciplinary Action.**

No action necessary.

**Supply and Training of Midwives.**

One bona-fide Midwife has retired since last year.

**MENTAL DEFICIENCY.**

At the end of 1929 there were 10 males and 19 females certified and under control. During the year 2 males and 3 females were certified and sent to Ross Certified Institution. One female died during the year.

There were 12 males and 21 females in Certified Institutions at the end of 1930.

At the end of the year 88 males and 59 females were under supervision at their homes.

Nineteen cases were dealt with by the Committee during the year, and 2 males and three females were ordered to be certified. Two males and three females were sent to Ross Certified Institution in 1930. The other cases were put on the list for periodic visitation at their homes.

The mentally defective cases are visited periodically by the Health Visitors, and reported on every two months by them to the Medical Adviser, who visits and reports on urgent cases.

An ascertainment will be carried out early in 1931.

**COUNTY LABORATORY.**

Complete outfits are supplied by the County Medical Officer under whose personal supervision the work of the Laboratory is conducted. Positive results are transmitted by telephone or telegram in order to avoid delay. No charge is made for the examination of "ordinary" specimens arising out of the routine work of any Sanitary Authority in the County.

Specimens, however, sent by the general public are subject to a modified fee.

The following work was carried out during the year :—

	SPECIMENS.		
	No.	Con- taminated	Passed.
<b>Chemical.</b>			
Examinations of Potable Waters ...	182	85	97
<b>Microscopical, Etc.</b>			
Examinations for :—			
Bacillus Diphtheriæ ...	2912	524	2388
Bacillus Diphtheriæ (Milk) ...	142	14	128
Bacillus Tuberculosis (sputum) ...	604	98	506
Bacillus Tuberculosis (Milk) ...	8	3	5
Bacillus Tuberculosis (urine) ...	17	2	15
Bacillus Tuberculosis (Pleural Effusions, etc.) ...	9	1	8
Meningococcus ...	1	1	—
Gonococcus ...	138	32	106
Vincent's Organisms ...	9	6	3
Ringworm (Hairs) ...	23	10	13
B. Typhosus ...	50	3	47
B. Paratyphosus A. ...	50	—	50
B. Paratyphosus B. ...	50	2	48
Spirochaetes ...	2	—	2
Streptococci ...	12	6	6
Urine for Albumen Sugar, etc. ...	181	103	78
Other Examinations ...	74	49	25
<b>Total ...</b>	<b>4282</b>	<b>854</b>	<b>3428</b>
Samples of Water examined ...	182		
Blood Counts ...	78		
<b>GRAND TOTAL ...</b>	<b>4542</b>		

#### ANNUAL REPORT OF THE COUNTY VETERINARY OFFICER for the Year 1930.

I have much pleasure in submitting to you my Annual Report for the County and City of Hereford for the year 1930.

This report covers the work carried out in the County Laboratory, and in many cases the results have been of a very instructive nature. It will be noted that cases where it is possible to obtain sputum from cattle it generally proved positive to Tubercle; the appearance of such sputum helps in diagnosis.

Very interesting information was obtained during the outbreak of Diphtheria in the Leominster Area. I was requested by



Dr. Lowe, the County Medical Officer of Health, to examine the cows from a certain farm. I took two separate samples from each cow on this particular farm, one sample being drawn directly from the udder without antiseptic precautions, and then I thoroughly cleaned and dried each udder and took another clean sample from these 20 cows. On examination of the rough drawn samples, six were found to contain the germs of Diphtheria, whereas the samples taken with due regard to antiseptic precautions were all found to be free from the germs of Diphtheria. This tends to confirm the fact that the milk as produced by the cells of the udder does not contain the causal organisms of Diphtheria and that the milk produced under clean conditions is entirely a wholesome food.

The work of Inspection of the cows in the Registered Dairies in the City and County has been proceeded with during the year, and some 14,000 animals have been inspected. Wherever necessary samples have been taken and examined, but in no case have Tubercle Bacilli been found in the milk. Another good point is that although examinations are made by other authorities, to whom large quantities of milk are sent from this County, no adverse report has been received. In my opinion the quality of milk produced in this County is on the whole of very good quality.

The following table shows some of the results obtained from specimens which I examined in the County Laboratory during the year :—

	Negative	Positive	Total
Blood for Anthrax ... ..	18	0	18
Scraping for Sheep Scab ... ..	18	6	24
Tissues for Bacillus Tuberculosis ... ..	8	8	16
Sputum for Bacillus Tuberculosis ... ..	0	4	4
Milks for Bacillus Tuberculosis under Milk and Dairies Order ... ..	113	0	113
Milks for Bacillus Tuberculosis under the Tuberculosis Order ... ..	8	2	10

#### TUBERCULOSIS ORDER, 1925.

During the year there were 81 cases of suspected Tuberculosis in Cattle reported in the City and County. Of these, 24 proved positive under the Order and post mortem examination revealed the fact that 11 were in the advanced stage, whilst 13 were not.

R. WOOFF,

*Veterinary Officer for the County and  
City of Hereford.*





# Number of Cases of Infectious Diseases Notified

	CASES NOTIFIED IN EACH LOCALITY.												
	Chicken Pox.	Small-pox.	Cholera.	Diphtheria, including Membranous Group.	Erysipelas.	Scarlet Fever.	Pneumonia.	Enteric Fever.	Measles.	Dysentery.	Malaria.	Puerperal Pyrexia.	Puerperal Fever.
URBAN.													
Hayward	...	...	...	1	2	2	6	...	...	...	...	1	1
London City	...	...	...	78	8	35	29	...	...	...	...	4	...
...	...	...	...	...	...	...	...	1	...	...	...	...	...
...	...	...	...	1	1	3	1	...	...	...	...	...	...
Water	...	...	...	80	2	3	5	...	...	...	...	...	2
...	...	...	...	6	...	17	4	...	...	...	...	1	1
TOTAL	...	...	...	166	13	60	45	1	...	...	...	6	4
RURAL.													
...	...	...	...	2	...	3	7	...	...	...	...	...	...
...	...	...	...	2	3	8	14	...	...	...	...	2	1
...	...	...	...	4	1	8	1	...	...	...	...	2	...
...	...	...	...	5	3	26	11	7	...	...	...	4	...
...	...	...	...	...	...	10	2	1	...	...	...	1	...
...	...	...	...	4	...	20	2	...	...	...	...	4	1
...	...	...	...	12	2	7	9	1	...	...	...	5	1
...	...	...	...	11	...	25	4	...	...	...	...	...	...
...	...	...	...	4	1	11	17	1	...	...	...	3	...
...	...	...	...	...	...	4	...	...	...	...	...	...	...
TOTAL	...	...	...	44	10	122	67	10	...	...	...	21	3

\* No Isolation Hospital Accommodation available.

† Isolation Hospital Accommodation available for Small-pox.

‡ The Hereford Rural Isolation Hospital is available, by arrangement, for patients from the Ross Rural District.

(A) Admitted to Hay Urban District Council Isolation Hospital, by arrangement.

ed in each District and the Number Removed to Hospital.

								NUMBER OF CASES REMOVED TO HOSPITAL FROM											
Phthisis (Pulmonary Tuberculosis).	Other forms of Tuberculosis.	Ophthalmia Neonatorum.	Cerebro-Spinal Fever.	Acute Poliomyelitis.	Encephalitis Lethargica.	Polio-Encephalitis.	TOTALS.	Small-pox.	Chicken-pox.	Diphtheria, including Membranous Group.	Scarlet Fever.	Pneumonia.	Enteric Fever.	Erysipelas.	Puerperal Fever.	Puerperal Pyrexia.	Poliomyelitis.	Ophthalmia Neonatorum.	
...	...	...	...	...	...	...	13	...	...	...	...	...	...	...	1	...	...	...	
30	11	5	1	...	...	...	201	...	...	68	31	4	...	3	...	4	...	...	
2	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	
2	1	...	1	...	...	...	10	...	...	1	2	...	...	...	...	...	...	...	
10	5	...	...	...	...	...	107	...	...	44	1	...	...	...	...	...	...	...	
5	2	...	...	...	...	...	36	...	...	6	10	...	...	...	...	...	...	...	
49	19	5	2	...	...	...	370	...	...	119	44	4	...	3	1	4	...	...	
4	...	...	...	...	...	...	16	...	...	...	...	...	...	...	...	...	...	...	
4	3	1	...	...	1	...	39	...	...	2	4	...	...	4	1	1	...	...	
7	1	1	...	...	...	...	25	...	...	3	1	...	...	...	...	1	...	...	
17	9	...	1	...	...	...	83	...	...	2	15	...	4	...	...	...	...	...	
3	5	...	...	...	...	...	22	...	...	...	...	...	1	...	...	...	...	...	
8	2	...	...	...	...	...	41	...	...	3	9	...	...	...	...	...	...	...	
2	6	...	...	...	...	...	45	...	...	2	4	...	...	...	1	1	...	...	
7	3	...	...	...	...	...	50	...	...	6	14	...	...	...	...	...	...	...	
3	...	1	...	...	1	...	42	...	...	...	10	...	...	1	...	...	...	...	
1	1	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	
56	39	3	1	...	2	...	369	...	...	18	57	...	5	5	2	3	...	...	

in the Dore, Ledbury, Leominster and Weobley Rural Districts.

## Causes of Death at Different Periods of

CAUSES OF DEATH.	Sex.	AGGREGATE OF				
		All Ages.	0—	1—	2—	5—
ALL CAUSES ... ..	M.	265	16	3	4	7
	F.	267	16	1	2	7
1. Enteric Fever ... ..	M.	...	...	...	...	...
	F.	...	...	...	...	...
2. Small-pox ... ..	M.	...	...	...	...	...
	F.	...	...	...	...	...
3. Measles ... ..	M.	3	1	...	1	...
	F.	2	1	...	1	...
4. Scarlet Fever ... ..	M.	1	...	...	...	1
	F.	...	...	...	...	...
5. Whooping Cough ... ..	M.	3	2	...	1	..
	F.	...	...	...	...	...
6. Diphtheria ... ..	M.	3	...	1	...	2
	F.	2	...	...	...	1
7. Influenza ... ..	M.	5	1	...	...	...
	F.	2	...	...	...	1
8. Encephalitis Lethargica ... ..	M.	1	...	...	...	...
	F.	...	...	...	...	...
9. Meningococcal Meningitis ... ..	M.	...	...	...	...	...
	F.	1	...	...	...	...
10. Tuberculosis of Respiratory System...	M.	14	...	...	...	...
	F.	17	...	...	...	2
11. Other Tuberculous Diseases ... ..	M.	3	...	...	...	2
	F.	5	...	1	...	...
12. Cancer, Malignant Disease ... ..	M.	37	...	...	...	...
	F.	32	...	...	...	...
13. Rheumatic Fever ... ..	M.	1	...	...	...	...
	F.	1	...	...	...	1
14. Diabetes ... ..	M.	5	...	...	...	...
	F.	5	...	...	...	...
15. Cerebral Hæmorrhage, &c. ... ..	M.	20	...	...	...	...
	F.	30	...	...	...	...
16. Heart Disease ... ..	M.	49	...	...	...	...
	F.	63	...	...	...	...
17. Arterio-Sclerosis ... ..	M.	11	...	...	...	...
	F.	8	...	...	...	...
18. Bronchitis ... ..	M.	6	...	...	...	...
	F.	12	2	...	...	...
19. Pneumonia (all forms) ... ..	M.	14	2	2	...	...
	F.	14	1	...	1	...
20. Other Respiratory Diseases ... ..	M.	9	..	...	...	...
	F.	3	...	...	...	...
21. Ulcer of Stomach or Duodenum ... ..	M.	3	..	...	...	...
	F.	3	...	...	...	...
22. Diarrhœa, &c. ... ..	M.	5	3	...	...	...
	F.	1	1	...	...	...
23. Appendicitis and Typhlitis ... ..	M.	1	...	...	...	...
	F.	1	...	...	...	...
24. Cirrhosis of Liver ... ..	M.	1	...	...	...	...
	F.	1	...	...	...	...
25. Acute and Chronic Nephritis ... ..	M.	12	...	...	1	...
	F.	8	...	...	...	...
26. Puerperal Sepsis ... ..	M.	...	...	...	...	...
	F.	1	...	...	...	...
27. Other Accidents and Diseases of Pregnancy and Parturition ... ..	M.	...	...	...	...	...
	F.	1	...	...	...	...
28. Congenital Debility and Malforma- tion, Premature Birth ... ..	M.	5	5	...	...	...
	F.	8	8	...	...	...
29. Suicide ... ..	M.	2	...	...	...	...
	F.	1	...	...	...	...
30. Other Deaths from Violence ... ..	M.	15	...	...	1	1
	F.	4	...	...	...	...
31. Other Defined Diseases ... ..	M.	36	2	...	...	1
	F.	41	3	...	...	2
32. Causes ill-defined or unknown ... ..	M.	...	...	...	...	...
	F.	...	...	...	...	...

# Life in the Administrative County of Hereford, 1930.

URBAN DISTRICTS.					AGGREGATE OF RURAL DISTRICTS.									
15—	25—	45—	65—	75—	All Ages.	0	1—	2—	5—	15—	25—	45—	65—	75—
7	26	74	67	61	503	23	6	5	8	25	30	125	128	153
9	20	56	61	95	456	29	3	5	11	20	44	96	88	160
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	5	...	1	2	2	...	...	...	...	...
...	...	...	...	...	3	...	...	...	1	...	...	2	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	1	...	...	...	...	1	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	3	1	1	1	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	...	1	...	...	...	1	...	...	...	...	...
...	...	2	1	1	11	...	...	...	...	1	1	5	4	...
...	...	...	1	...	6	...	...	...	...	...	1	1	3	1
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	2	...	...	...	1	...	...	1	...	...
...	...	...	...	...	3	...	1	...	...	1	1	...	...	...
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
1	6	6	1	...	24	...	...	...	1	4	12	6	1	...
4	3	6	1	1	22	...	...	...	1	6	11	3	1	...
...	1	...	...	...	7	...	...	1	...	...	2	...	...	...
2	1	...	...	1	5	...	...	1	1	...	3	...	...	...
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	18	13	5	42	...	...	...	...	...	1	15	16	10
...	1	12	11	8	63	...	...	...	1	...	6	25	21	19
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	1	...	...	...	...	...	...	1	...	...
...	...	3	1	1	7	...	...	...	...	1	...	...	5	1
...	...	...	1	4	12	...	...	...	...	...	...	6	2	4
...	...	2	9	9	32	...	...	...	...	...	...	10	7	15
...	1	7	13	9	31	...	...	...	...	...	...	4	8	19
1	3	9	17	19	103	...	...	...	...	...	...	19	35	52
...	3	10	16	34	121	...	...	...	...	...	...	20	26	70
...	...	2	6	3	35	...	...	...	...	...	...	5	12	18
...	...	2	1	5	14	...	...	...	...	...	...	2	3	9
...	...	...	2	4	22	...	...	...	...	...	...	4	4	14
...	...	1	1	8	14	1	...	...	...	...	...	...	1	12
...	1	4	3	2	28	1	4	1	...	...	2	9	8	3
1	1	2	3	5	16	...	1	2	1	1	1	2	4	4
1	1	3	1	3	10	...	...	...	...	...	...	6	1	3
...	...	...	1	2	5	...	...	...	...	...	1	2	...	2
1	...	2	...	...	13	...	...	...	...	...	2	8	2	1
...	1	...	2	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	...	4	3	...	...	...	...	...	1	...	...
...	...	...	...	...	4	2	...	1	...	...	1	...	...	...
...	...	1	...	...	1	...	...	...	...	...	1	...	...	...
...	1	...	...	...	3	...	...	...	...	...	...	2	1	...
...	...	1	...	...	2	...	...	...	...	...	...	2	...	...
...	2	4	3	2	28	...	...	...	...	...	1	9	10	8
...	1	2	...	5	15	...	...	...	...	...	3	5	7	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	...	4	...	...	...	...	1	3	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	...	2	...	...	...	...	1	...	1	...	...
...	...	...	...	...	11	11	...	...	...	...	...	...	...	...
...	...	...	...	...	19	19	...	...	...	...	...	...	...	...
...	...	2	...	...	7	...	...	...	...	2	...	4	...	...
1	...	...	...	...	5	...	...	...	...	1	1	1	...	1
2	5	4	1	1	25	1	...	1	1	9	3	7	3	...
...	1	2	...	1	4	...	...	...	...	1	...	...	2	...
...	2	11	9	11	77	7	...	...	3	4	3	13	19	...
...	4	10	10	12	79	5	1	...	3	7	9	18	9	...
...	...	...	...	...	2	...	...	...	...	...	...	2	...	...
...	...	...	...	...	2	1	...	...	...	...	...	...	1	...

## CAUSES OF I

CAUSES OF DEATH.				Hereford City M.B. 02.		Bromyard U.D. 04.		Kington U.D. 05.		Ledbury U.D. 06.		Leominster M.B. 07.		Ross
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.
ALL CAUSES				138	143	4	12	16	14	24	18	38	42	45
1.	Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...
2.	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...
3.	Measles	...	...	1	...	...	...	...	...	...	...	1	1	1
4.	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	1
5.	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	3
6.	Diphtheria	...	...	2	...	...	...	...	...	...	...	1	2	...
7.	Influenza	...	...	3	...	...	...	...	...	1	...	1	1	1
8.	Encephalitis Lethargica	...	...	...	...	...	...	...	...	1	...	...	...	...
9.	Meningococcal Meningitis	...	...	...	1	...	...	...	...	...	...	...	...	...
10.	Tuberculosis of Respiratory System	...	...	10	9	...	2	1	1	...	1	1	1	2
11.	Other Tuberculous Diseases	...	...	2	3	...	...	...	1	...	...	1	1	...
12.	Cancer, Malignant Disease	...	...	16	17	...	1	1	1	6	1	5	6	9
13.	Rheumatic Fever	...	...	1	1	...	...	...	...	...	...	...	...	...
14.	Diabetes	...	...	1	3	1	1	2	...	1	...	...	...	...
15.	Cerebral Hemorrhage, &c.	...	...	10	18	...	...	2	3	5	6	3	3	1
16.	Heart Disease	...	...	20	33	1	6	4	4	4	4	8	14	12
17.	Arterio-Sclerosis	...	...	6	4	...	1	...	...	2	...	3	1	...
18.	Bronchitis	...	...	...	3	...	...	1	1	1	3	2	2	...
19.	Pneumonia (all forms)	...	...	11	10	...	...	1	...	...	...	1	2	1
20.	Other Respiratory Diseases	...	...	6	2	...	...	1	...	1	...	...	1	1
21.	Ulcer of Stomach or Duodenum	...	...	2	2	...	...	1	1	...	...	...	...	...
22.	Diarrhea, &c. (under 2 years)	...	...	3	1	...	...	...	...	...	...	...	...	...
23.	Appendicitis and Typhlitis	...	...	1	1	...	...	...	...	...	...	...	...	...
24.	Cirrhosis of Liver	...	...	...	1	...	...	...	...	...	...	...	...	1
25.	Acute and Chronic Nephritis	...	...	6	3	1	...	1	...	...	...	2	2	2
26.	Purpural Sepsis	...	...	...	...	...	...	...	...	...	...	...	...	...
27.	Other Accidents and Diseases of Pregnancy and Parturition	...	...	...	1	...	...	...	...	...	...	...	...	...
28.	Congenital Debility and Malforma- tion, Premature Birth	...	...	2	3	...	...	1	...	1	2	...	...	1
29.	Selficide	...	...	1	1	...	...	...	...	...	...	...	...	1
30.	Other Deaths from violence	...	...	11	2	...	...	1	...	...	...	1	...	2
31.	Other Defined Diseases	...	...	23	24	1	1	4	2	3	5	3	5	4
32.	Causes ill-defined or unknown	...	...	...	...	...	...	...	...	...	...	...	...	...
Special Causes (included above)—				...	...	...	...	...	...	...	...	...	...	...
Poliomyelitis				...	...	...	...	...	...	...	...	...	...	...
Polioccephalitis				...	...	...	...	...	...	...	...	...	...	...
Deaths of Infants under 1 year—				...	...	...	...	...	...	...	...	...	...	...
Total				9	8	...	...	1	1	1	2	1	...	4
Illegitimate				1	2	...	...	...	1	...	...	...	...	...
TOTAL LIVE BIRTHS				186	181	10	8	11	25	17	36	46	30	...
Legitimate				175	172	10	7	10	21	15	33	43	28	...
Illegitimate				11	9	...	1	1	4	2	3	3	2	...
TOTAL STILLBIRTHS				7	7	1	...	1	...	2	1	...	...	...
Legitimate				5	7	...	...	1	...	1	1	...	...	...
Illegitimate				2	...	1	...	...	...	1	...	...	...	...
POPULATION, Mid. 1929				23,630	...	1,559	...	1,668	...	3,187	...	5,518	...	4

\* Leominster R.D. and Wigmore R.D. were united on 31/3



# DEATH IN HEREFORDSHIRE, 1930.

U.D. 14.	AGGRE- GATE of Urban Districts		Bredwardine R.D. 08.		Bromyard R.D. 09.		Dore R.D. 18.		Hereford R.D. 19.		Kington R.D. 28.		Ledbury R.D. 29.		* Leominster and Wigmore R.D. 38 & 58.		Ross R.D. 39.		Weobley R.D. 48.		Whitechurch
F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.
38	265	267	19	13	55	56	41	38	83	76	39	30	52	62	77	69	72	68	53	31	12
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	3	2	...	...	...	...	...	...	...	...	...	1	...	1	1	...	2	1	2	...	...
...	1	...	...	...	...	1	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...
...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
1	5	2	...	...	...	...	...	...	2	...	2	1	1	1	1	3	3	...	2	1	...
...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...
3	14	17	1	1	3	3	1	2	6	5	1	1	2	3	6	2	1	3	3	2	...
...	3	5	...	...	...	...	...	...	2	2	2	...	...	...	1	1	1	1	1	1	...
6	37	32	...	3	7	5	2	6	10	16	1	4	3	10	5	9	6	6	7	3	...
...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
1	5	5	...	...	...	3	1	1	2	1	1	...	...	...	1	3	...	1	...	1	...
2	20	30	2	...	3	2	5	5	3	4	4	1	6	8	4	6	2	3	2	2	...
2	49	63	3	4	15	18	7	10	15	15	11	7	8	9	20	20	17	24	7	7	...
2	11	8	6	1	...	...	3	1	9	3	6	...	2	1	1	1	2	4	5	3	...
5	6	12	...	...	2	1	1	3	3	3	1	2	5	...	3	2	4	2	3	1	...
2	14	14	1	1	6	1	3	...	1	1	1	2	1	5	4	4	1	6	...	...	...
...	9	3	...	...	...	...	...	...	1	1	1	...	1	2	2	...	5	...	...	1	...
...	3	3	...	...	2	...	1	...	2	...	1	...	4	...	3	...	...	...	...	...	...
...	3	1	...	...	...	1	...	...	1	1	...	...	...	...	2	...	...	...	...	...	...
...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	1	1	1	...	2	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...
3	12	8	1	1	1	...	6	...	6	2	1	2	3	2	2	1	4	4	3	2	...
1	...	1	...	...	...	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	5	8	...	...	1	4	1	3	1	3	1	1	1	3	2	4	3	...	1	1	...
...	2	1	...	...	...	...	...	...	...	2	1	...	...	1	1	1	4	1	...	...	...
2	15	4	...	...	2	1	3	...	5	...	...	1	2	1	5	1	3	...	2	...	...
4	38	41	4	2	11	14	6	6	13	16	4	4	10	9	10	8	11	16	8	5	...
...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	1	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	16	16	1	1	3	8	1	4	5	4	1	1	1	3	5	6	5	1	1	1	...
...	2	2	...	...	...	1	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...
34	295	297	17	19	64	71	60	61	114	117	29	37	69	64	85	81	84	65	42	51	...
30	275	277	16	17	56	65	55	57	105	108	29	35	63	62	75	75	80	65	37	49	...
4	20	20	1	2	8	6	5	4	9	9	...	2	6	2	10	6	...	...	5	2	...
...	9	10	1	1	2	2	1	1	5	1	1	1	3	5	3	...	4	1	2	4	...
...	6	9	1	1	2	2	1	1	5	1	1	1	3	3	2	...	4	1	2	4	...
...	3	1	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...
558	40,120		1,943		7,405		5,932		13,060		4,701		8,888		10,914		9,827		6,080		

/30. The Births and Deaths are those for the combined areas for the whole year.



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